EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1248

DATE: JANUARY 1, 2022

PROJECT RP0757

The following classification changes will be effected by this Notice of Changes:

Action*	Subclass	Group(s)
SCHEME:		
Symbols Deleted:	B01F	1/00, 1/0005, 1/0011, 1/0016, 1/0022, 1/0027, 1/0033, 1/0038, 2001/0044, 2001/005, 2001/0055, 2001/0061, 2001/0066, 2001/0072, 2001/0077, 2001/0083, 2001/0088, 2001/0094
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Action*	Subclass	Group(s)
		25/31431, 25/31432, 25/31433, 25/31434, 25/315, 25/316, 25/32, 25/40, 25/41, 25/42, 25/421, 25/422, 25/423, 25/4231, 25/4232, 25/4233, 25/43, 25/431, 25/4311, 25/4312, 25/4313, 25/4314, 25/43141, 25/4315, 25/43151, 25/4316, 25/43161, 25/43162, 25/43163, 25/4317, 25/43171, 25/43172, 25/4318, 25/4319, 25/43195, 25/431951, 25/431952, 25/43197, 25/431971, 25/431972, 25/431973, 25/431974, 25/432, 25/4321, 25/43211, 25/4322, 25/4323, 25/43231, 25/433, 25/4331, 25/4332, 25/4333, 25/4334, 25/4335, 25/4336, 25/4337, 25/4338, 25/434, 25/4341, 25/4342, 25/435, 25/438, 25/44, 25/441, 25/4412, 25/44121, 25/4413, 25/4414, 25/4415, 25/4416, 25/44161, 25/44162, 25/44163, 25/44164, 25/44165, 25/44166, 25/44167, 25/44168, 25/442, 25/4421, 25/4422, 25/4423, 25/45, 25/451, 25/4511, 25/4512, 25/452, 25/4521, 25/45211, 25/45212, 25/4522, 25/45221, 25/4523, 25/45231, 25/4524, 25/45241, 25/45242, 25/45243, 25/46, 25/50, 25/51, 25/52, 25/53, 25/54, 25/60, 25/62, 25/621, 25/64, 25/641, 25/642, 25/643, 25/70, 25/72, 25/721, 25/74, 25/741, 25/7411, 25/742, 25/743, 25/744, 25/80, 25/82, 25/821, 25/8211, 25/822, 25/823, 25/83, 25/84, 25/85, 25/90, 25/901, 2025/91, 2025/911, 2025/912, 2025/9121, 2025/9122, 2025/913, 2025/914, 2025/915, 2025/916, 2025/917, 2025/9171, 2025/918, 2025/919, 2025/9191, 2025/91911, 2025/91912, 2025/919121, 2025/919125, 2025/91913, 2025/93, 2025/931, 2025/932, 2025/9321
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Action*	Subclass	Group(s)
		27/11631, 27/117, 27/1171, 27/118, 27/119, 27/1191, 27/13, 27/15, 27/17, 27/171, 27/172, 27/19, 27/191, 27/192, 27/1921, 27/21, 27/211, 27/2111, 27/212, 27/2121, 27/2122, 27/2123, 27/2124, 27/213, 27/23, 27/231, 27/2311, 27/2312, 27/232, 27/2321, 27/2322, 27/2323, 27/2324, 27/25, 27/251, 27/27, 27/271, 27/2711, 27/2712, 27/2713, 27/2714, 27/272, 27/2721, 27/2722, 27/2723, 27/2724, 27/276, 27/40, 27/41, 27/411, 27/412, 27/42, 27/421, 27/422, 27/50, 27/55, 27/60, 27/61, 27/62, 27/621, 27/625, 27/627, 27/63, 27/65, 27/70, 27/701, 27/702, 27/703, 27/704, 27/705, 27/706, 27/707, 27/708, 27/71, 27/711, 27/7111, 27/72, 27/721, 27/722, 27/7221, 27/723, 27/724, 27/725, 27/726, 27/73, 27/731, 27/74, 27/75, 27/755, 27/80, 27/805, 27/806, 27/807, 27/808, 27/81, 27/811, 27/8111, 27/812, 27/813, 27/82, 27/83, 27/84, 27/85, 27/851, 27/86, 27/861, 27/862, 27/87, 27/88, 27/90, 27/902, 27/9021, 27/906, 27/91, 27/911, 27/92, 27/921, 27/9211, 27/92112, 27/9212, 27/9213, 27/9214, 27/922, 27/923, 27/93, 27/94, 27/941, 27/95, 27/951, 27/952, 27/953, 27/96
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	B01F	31/00, 31/10, 31/20, 31/201, 31/202, 31/22, 31/23, 31/231, 31/24, 31/25, 31/26, 31/265, 31/27, 31/275, 31/28, 31/29, 31/30, 31/31, 31/311, 31/312, 31/40, 31/401, 31/42, 31/44, 31/441, 31/443, 31/445, 31/449, 31/46, 31/50, 31/55, 31/56, 31/57, 31/60, 31/65, 31/651, 31/70, 31/80, 31/81, 31/82, 31/83, 31/831, 31/84, 31/841, 31/85, 31/86, 31/861, 31/87, 31/89

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Action*	Subclass	Group(s)
	B01F	33/00, 33/05, 33/051, 33/052, 33/053, 33/054, 33/055, 33/12, 33/25, 33/251, 33/252, 33/253, 33/254, 33/26, 33/27, 33/30, 33/301, 33/3011, 33/3012, 33/30121, 33/3017, 33/302, 33/3021, 33/3022, 33/3031, 33/3032, 33/3033, 33/3034, 33/3035, 33/30351, 33/30352, 33/3036, 33/3037, 33/3038, 33/3039, 33/304, 33/3045, 33/305, 33/35, 33/40, 33/401, 33/402, 33/4021, 33/403, 33/404, 33/405, 33/4051, 33/40511, 33/40512, 33/406, 33/4061, 33/4062, 33/407, 33/408, 33/409, 33/4092, 33/4094, 33/45, 33/451, 33/452, 33/453, 33/4531, 33/4532, 33/4533, 33/4534, 33/4535, 33/4536, 33/4537, 33/50, 33/501, 33/5011, 33/50111, 33/50112, 33/50113, 33/50114, 33/50115, 33/5012, 33/5013, 33/5014, 33/502, 33/5021, 33/5022, 33/5023, 33/5024, 33/5025, 33/5026, 33/5027, 33/503, 33/70, 33/71, 33/80, 33/805, 33/8051, 33/80514, 33/8052, 33/81, 33/811, 33/812, 33/813, 33/82, 33/821, 33/8212, 33/822, 33/823, 33/824, 33/83, 33/8305, 33/831, 33/833, 33/834, 33/836, 33/8361, 33/83611, 33/83612, 33/83613, 33/83614, 33/8362, 33/8363, 33/8364, 33/84, 33/841, 33/844, 33/8442, 33/846, 33/848, 33/85, 33/86, 33/862, 33/87
	B01F	35/00, 35/10, 35/11, 35/12, 35/121, 35/122, 35/123, 35/13, 35/145, 35/1452, 35/1453, 35/146, 35/165, 35/181, 35/184, 35/186, 35/187, 35/1872, 35/188, 35/189, 35/20, 35/21, 35/211, 35/2111, 35/21111, 35/21112, 35/2112, 35/2113, 35/2114, 35/2115, 35/21151, 35/2116, 35/2117, 35/212, 35/213, 35/2131, 35/2132, 35/2133, 35/2134, 35/2135, 35/2136, 35/214, 35/2142, 35/2144, 35/22, 35/2201, 35/2202, 35/2203, 35/2204, 35/2205, 35/2206, 35/2207, 35/2208, 35/2209, 35/221, 35/2211, 35/2212, 35/2213, 35/2214, 35/22141, 35/22142, 35/221421, 35/221422, 35/2215, 35/2216, 35/22161, 35/22162, 35/2217, 35/2218, 35/222, 35/2221, 35/30, 35/31, 35/32, 35/32005, 35/3201, 35/32015, 35/3202, 35/32021, 35/32025, 35/3203, 35/32035, 35/3204, 35/32045, 35/3205, 35/32055, 35/3206, 35/32065, 35/321, 35/3211, 35/3212, 35/3213, 35/3214, 35/3215, 35/32151, 35/322, 35/323, 35/3231,

Action*	Subclass	Group(s)
		35/324, 35/325, 35/33, 35/331, 35/332, 35/333, 35/34, 2035/35, 2035/351, 2035/3511, 2035/3512, 2035/3513, 2035/352, 2035/353, 35/40, 35/41, 35/411, 35/4111, 35/4112, 35/4113, 35/412, 35/4121, 35/4122, 35/413, 35/414, 35/42, 35/421, 35/422, 35/423, 35/424, 35/425, 35/43, 35/45, 35/451, 35/452, 35/4521, 35/453, 35/4531, 35/454, 35/50, 35/51, 35/511, 35/512, 35/513, 35/514, 35/52, 35/522, 35/53, 35/531, 35/5311, 35/5312, 35/532, 35/54, 35/55, 35/56, 35/561, 35/562, 35/5621, 35/60, 35/602, 35/605, 35/6052, 35/71, 35/711, 35/712, 35/713, 35/7131, 35/7132, 35/7133, 35/7134, 35/7135, 35/7136, 35/7137, 35/7138, 35/7139, 35/714, 35/7141, 35/71411, 35/714111, 35/714112, 35/715, 35/716, 35/7161, 35/7162, 35/7163, 35/7164, 35/717, 35/71705, 35/7171, 35/71715, 35/7172, 35/71725, 35/7173, 35/71731, 35/71735, 35/7174, 35/71745, 35/7175, 35/71755, 35/717551, 35/7176, 35/71761, 35/717611, 35/717612, 35/717613, 35/717614, 35/71765, 35/7177, 35/71775, 35/7178, 35/71785, 35/7179, 35/71791, 35/71795, 35/718, 35/71801, 35/71805, 35/718051, 35/7181, 35/71815, 35/7182, 35/71825, 35/75, 35/751, 35/7511, 35/752, 35/753, 35/754, 35/7541, 35/75415, 35/7542, 35/75425, 35/754251, 35/7543, 35/75435, 35/754351, 35/7544, 35/75441, 35/75445, 35/7545, 35/75455, 35/754551, 35/7546, 35/75465, 35/7547, 35/75471, 35/75475, 35/7548, 35/75485, 35/7549, 35/79, 35/80, 35/81, 35/82, 35/83, 35/831, 35/8311, 35/832, 35/833, 35/8331, 35/834, 35/88, 35/881, 35/8811, 35/882, 35/8821, 35/8822, 35/88221, 35/88222, 35/8823, 35/883, 35/892, 35/8921, 35/894, 35/896, 35/90, 35/91, 35/92, 35/93, 35/94, 35/95, 2035/98, 2035/99
	B01F	2101/00, 2101/005, 2101/02, 2101/04, 2101/06, 2101/07, 2101/08, 2101/09, 2101/10, 2101/11, 2101/12, 2101/13, 2101/14, 2101/15, 2101/16, 2101/17, 2101/18, 2101/1805, 2101/19, 2101/20, 2101/21, 2101/22, 2101/2202, 2101/2204, 2101/23, 2101/2305, 2101/24, 2101/25, 2101/26, 2101/27, 2101/28, 2101/2805, 2101/30, 2101/305, 2101/32, 2101/33,

Action*	Subclass	Group(s)
		2101/34, 2101/35, 2101/36, 2101/38, 2101/39, 2101/40, 2101/44, 2101/45, 2101/4505, 2101/47, 2101/48, 2101/49, 2101/50, 2101/501, 2101/503, 2101/505, 2101/54, 2101/55, 2101/56, 2101/57, 2101/58, 2101/59
	C09K	23/00, 23/002, 23/003, 23/005, 23/007, 23/017, 23/018, 23/02, 23/04, 23/06, 23/08, 23/10, 23/12, 23/14, 23/16, 23/18, 23/20, 23/22, 23/24, 23/26, 23/28, 23/30, 23/32, 23/34, 23/36, 23/38, 23/40, 23/42, 23/44, 23/46, 23/48, 23/50, 23/52, 23/54, 23/56
Titles Changed:	B01F	SUBCLASS
	B44D	3/06
Warnings New:	B01F	23/2312, 23/23121, 23/23122, 23/23123, 23/231231, 23/231232, 23/231233, 23/23124, 23/231241, 23/231242, 23/231243, 23/231244, 23/231245, 23/23125, 23/23126, 23/232, 23/2326, 23/2373, 23/2375, 23/2376, 23/23761, 23/23762, 23/23763, 23/23764, 23/23765, 23/23766, 23/23767
	B01F	25/431, 25/4311, 25/4312, 25/4313, 25/4314, 25/4315, 25/43151, 25/4316, 25/43161, 25/43162, 25/43163, 25/4317, 25/4318, 25/4319, 25/43195, 25/43197
	B01F	27/63, 27/702, 27/703, 27/704, 27/705, 27/706, 27/708
	B01F	29/20, 29/401, 29/4011, 29/402, 29/40231, 29/403, 29/62
	B01F	31/25, 31/29, 31/30, 31/40, 31/401, 31/42, 31/44, 31/46, 31/50, 31/57, 31/84
	B01F	33/00, 33/834, 33/85, 33/87
	B01F	35/10, 35/11, 35/12, 35/165, 35/20, 35/21, 35/214, 35/22, 35/2201, 35/222, 35/2221, 35/30, 35/32, 35/531, 35/55, 35/71, 35/711, 35/712, 35/713, 35/714, 35/715, 35/716, 35/717, 35/71705, 35/71731, 35/71775, 35/75, 35/80
	C09K	23/00, 23/005, 23/02, 23/04, 23/06, 23/08, 23/10, 23/12, 23/14, 23/16, 23/18, 23/20, 23/22, 23/26, 23/28, 23/30, 23/32, 23/34, 23/38, 23/40, 23/42, 23/50, 23/52, 23/54, 23/56
Warnings Modified:	B01F	SUBCLASS

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Action*	Subclass	Group(s)
Notes Deleted:	B01F	13/02
	B01F	17/00
Notes New:	B01F	23/00
	B01F	33/40
	C09K	23/00
Notes Modified:	B01F	SUBCLASS
Guidance Headings Deleted:	B01F	5/00
Guidance Headings New:	B01F	25/00
	B01F	2101/00
DEFINITIONS:		

Definitions Deleted:
  (no frozen (F) symbol definitions
    should be deleted)
	B01F	1/00, 1/0005, 1/0016

	B01F	3/00, 3/02, 3/024, 3/026, 3/028, 3/04007, 3/04028, 3/04035, 3/04049, 3/04078, 3/04099, 3/04106, 3/04113, 3/0412, 3/04241, 3/04248, 3/04255, 3/04262, 3/04269, 3/04446, 3/0446, 3/04468, 3/04475, 3/04496, 3/04503, 3/0451, 3/04517, 3/04531, 3/04539, 3/04588, 3/04595, 3/04602, 3/04609, 3/04617, 3/0473, 3/04765, 3/04773, 3/0478, 3/04787, 3/04794, 3/04801, 3/04808, 3/04815, 3/04829, 3/04985, 3/06, 3/0807, 3/0853, 3/0861, 3/0869, 3/0873, 3/0876, 3/182, 3/184, 3/20, 3/22
	B01F	5/00, 5/0057, 5/0068, 5/0077, 5/02, 5/0206, 5/0212, 5/0218, 5/0256, 5/0268, 5/04, 5/0401, 5/0415, 5/0451, 5/0473, 5/0495, 5/0496, 5/0498, 5/06, 5/0602, 5/0603, 5/0604, 5/061, 5/0611, 5/0613, 5/0614, 5/0615, 5/0616, 5/0617, 5/0618, 5/0619, 5/064, 5/0641, 5/0643, 5/0644, 5/0645, 5/0646, 5/0656, 5/0659, 5/066, 5/0661, 5/0663, 5/0665, 5/0682, 5/10, 5/102, 5/104, 5/106, 5/18, 5/20, 5/205, 5/22, 5/221, 5/223, 5/225, 5/226, 5/228, 5/241, 5/242, 5/243, 5/244, 5/245, 5/246, 5/247, 5/248, 5/26, 5/265
	B01F	7/00, 7/00008, 7/00058, 7/00066, 7/00075, 7/001, 7/00183, 7/0025, 7/00341, 7/00433, 7/00441, 7/00566, 7/00575, 7/00583, 7/00591, 7/00633, 7/00641, 7/0065, 7/00675, 7/00708, 7/00725, 7/00733, 7/00741, 7/00758, 7/00766, 7/00775, 7/008, 7/00808, 7/00816, 7/0085, 7/00858, 7/00866, 7/00875, 7/00883, 7/00891, 7/009,

Action*	Subclass	Group(s)
		7/00908, 7/00916, 7/022, 7/024, 7/1605, 7/161, 7/1615, 7/162, 7/1625, 7/163, 7/1635, 7/164, 7/1645, 7/165, 7/1655, 7/166, 7/1665, 7/167, 7/1675, 7/168, 7/1685, 7/169, 7/1695
	B01F	9/00, 9/0001, 9/0003, 9/0005, 9/0007, 9/0009, 9/0014, 9/0016, 9/0018, 9/002, 9/0021, 9/0023, 9/0025, 9/0027, 9/0029, 9/0032, 9/0034, 9/0036, 9/02, 9/06, 9/08, 9/103, 9/106
	B01F	11/00, 11/0002, 11/0005, 11/0008, 11/0011, 11/0014, 11/0017, 11/0028, 11/0037, 11/0042, 11/0045, 11/0054, 11/0057, 11/006, 11/0062, 11/0065, 11/0071, 11/0077, 11/008, 11/0082, 11/0085, 11/0088, 11/0097, 11/04
	B01F	13/00, 13/0013, 13/0015, 13/0016, 13/0018, 13/002, 13/005, 13/0059, 13/0062, 13/0064, 13/0066, 13/0067, 13/0071, 13/0072, 13/0076, 13/0077, 13/0079, 13/0084, 13/0086, 13/0091, 13/0098, 13/02, 13/0809, 13/0818, 13/0827, 13/1005, 13/1041, 13/1055, 13/1058, 13/1072
	B01F	15/00, 15/00006, 15/00012, 15/00019, 15/00123, 15/00435, 15/00441, 15/00467, 15/00733, 15/0074, 15/00746, 15/00753, 15/00785, 15/00792, 15/00798, 15/00805, 15/00811, 15/00818, 15/00824, 15/00831, 15/0087, 15/00876, 15/00883, 15/00902, 15/00909, 15/00915, 15/00922, 15/00928, 15/02, 15/0268, 15/04, 15/0404, 15/0412, 15/0441, 15/06
	B01F	17/00, 17/0064

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): A01K, A21C, A23D, A23J, A23L, A23P, A47G, A61B, A61C, A61H, A61J, A61K, A61M, A62C, B01D, B01J, B01L, B03D, B05B, B06B, B08B, B27N, B28C, B29B, B29C, B44D, B65D, B65G, B67B, B67D, B81B, B81C, C01P, C02F, C04B, C07F, C08J, C09D, C09K, C10L, C10M, C11D, C12G, C12M, E02B, F01N, F04F, F16C, F16K, F17C, F22G, F23D, F24F, F27D, F28C, G01F, G01G, G01J, G01N, G05D, H01F

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

        ☒   A. New, Modified or Deleted Group(s)

        ☒   B. New, Modified or Deleted Warning(s)

        ☒   C. New, Modified or Deleted Note(s)

⊠   D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

     ☐   A. New or Modified Definitions (Full definition template)

     ⊠   B. Modified or Deleted Definitions (Definitions Quick Fix)

3. ⊠   REVISION CONCORDANCE LIST (RCL)

4. ⊠   CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. ⊠   CHANGES TO THE CROSS-REFERENCE LIST (CRL)

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS B01F - MIXING, e.g. DISSOLVING, EMULSIFYING, DISPERSING

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	B01F	Subclass	MIXING, e.g. DISSOLVING, EMULSIFYING OR DISPERSING (mixing paints B44D 3/06)	
D	B01F 1/00	0	Dissolving ({without involving chemical reactions; B01F 3/04099 takes precedence;} separating by dissolving B01D; dissolving to effect cooling F25D 5/00)	<administrative transfer to B01F 21/00>
D	B01F 1/0005	1	{Methods}	<administrative transfer to B01F 21/02>
D	B01F 1/0011	1	{using driven stirrers}	<administrative transfer to B01F 21/10>
D	B01F 1/0016	1	{comprising constructions for blocking or redispersing undissolved solids, e.g. sieves, separators, guiding constructions (B01F 1/0033 takes precedence)}	<administrative transfer to B01F 21/15>
D	B01F 1/0022	1	{using flow mixing}	<administrative transfer to B01F 21/20>
D	B01F 1/0027	2	{using additional holders in conduits, containers or pools for keeping the solid material in place, e.g. supports, receptacles}	<administrative transfer to B01F 21/22>
D	B01F 1/0033	3	{comprising constructions for blocking or redispersing undissolved solids}	<administrative transfer to B01F 21/221>
D	B01F 1/0038	1	{Dissolving systems, i.e. flow charts or diagrams; Arrangements, e.g. comprising controlling means}	<administrative transfer to B01F 21/30>
D	B01F 2001/0044	1	{characterized by the state of the material being dissolved}	<administrative transfer to B01F 21/40 INV>
D	B01F 2001/005	2	{Molten solids (mixing the melt B01F 3/08)}	<administrative transfer to B01F 21/401 INV>
D	B01F 2001/0055	2	{characterised by the configuration, form or shape of the solid material, e.g. in the form of tablets, blocks}	<administrative transfer to B01F 21/402 INV>
D	B01F 2001/0061	3	{in the form of tablets stored in containers, canisters, receptacles}	<administrative transfer to B01F 21/4021 INV>
D	B01F 2001/0066	2	{Solid carbon dioxide or dry ice}	<administrative transfer to B01F 21/403 INV>
D	B01F 2001/0072	1	{Elements used for separating or keeping undissolved material in the mixer}	<administrative transfer to B01F 21/50 INV>
D	B01F 2001/0077	2	{Tablet canisters provided with perforated walls, sieves, grids or filters}	<administrative transfer to B01F 21/501 INV>
D	B01F 2001/0083	2	{Baffles}	<administrative transfer to B01F 21/502 INV>

DATE: JANUARY 1, 2022

PROJECT RP0757

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 2001/0088	2	{Filters}	<administrative transfer to B01F 21/503 INV>
D	B01F 2001/0094	2	{Sieves, i.e. perforated plates or walls}	<administrative transfer to B01F 21/504 INV>
D	B01F 3/00	0	Mixing, e.g. dispersing, emulsifying, according to the phases to be mixed {(C08J 3/02 takes precedence)}	<administrative transfer to B01F 23/00>
D	B01F 2003/0007	1	{Maintaining the aggregation state of the mixed materials}	<administrative transfer to B01F 23/02 INV>
D	B01F 2003/0014	2	{Maintaining mixed ingredients in movement to prevent crystalisation of the ingredients after mixing}	<administrative transfer to B01F 23/021 INV>
D	B01F 2003/0021	2	{Preventing precipitation of solid ingredients during or after mixing by adding a solvent}	<administrative transfer to B01F 23/022 INV>
D	B01F 2003/0028	2	{Preventing sedimentation, conglomeration, agglomeration of solid ingredients during or after mixing by maintaining mixed ingredients in movement}	<administrative transfer to B01F 23/023 INV>
D	B01F 2003/0035	2	{Maintaining mixed ingredients in movement to prevent separation of the ingredients after mixing}	<administrative transfer to B01F 23/024 INV>
D	B01F 2003/0042	1	{Specific aggregation state of one or more of the phases to be mixed}	<administrative transfer to B01F 23/04 INV >
D	B01F 2003/005	2	{Mixing ingredients in more than two different agglomeration states, phases}	<administrative transfer to B01F 23/041 INV >
D	B01F 2003/0057	2	{Mixing cryogenic aerosols, i.e. mixtures of gas with solid paricles in cryogenic condition, with other ingredients}	<administrative transfer to B01F 23/042 INV >
D	B01F 2003/0064	2	{Mixing fluids or with fluids in a supercritical state, in supercritical conditions, variable density fluids}	<administrative transfer to B01F 23/043 INV >
D	B01F 2003/0071	1	{Mixing phases by adding a very small quantity of one of the phases, microdosing}	<administrative transfer to B01F 23/06 INV >
D	B01F 2003/0078	2	{Adding a small quantity or concentration of an additional phase in a main phase, e.g. acting as a carrier phase}	<administrative transfer to B01F 23/061 INV >
D	B01F 2003/0085	2	{Mixing ingredients in very small quantity, adding microingredients, microconcentration, e.g. adding vitamins, minerals, proteins, enzymes, hormones, antibiotics, worm medicines}	<administrative transfer to B01F 23/062 INV >
D	B01F 3/0092	1	{Mixing systems, i.e. flow charts or diagrams for components having more than two different of having undetermined agglomeration states, e.g. supercritical state (mixing plant B01F 13/10)}	<administrative transfer to B01F 23/09>
D	B01F 3/02	1	gases with gases or vapours {(for preparing respiratory gases or vapours A61M 16/12)}	<administrative transfer to B01F 23/10>
D	B01F 3/022	2	{with vaporisation of a liquid}	<administrative transfer to B01F 23/12>
D	B01F 3/024	2	{with moving mixing elements, e.g. with liquid seal (B01F 3/022 takes precedence)}	<administrative transfer to B01F 23/14>
D	B01F 3/026	2	{Mixing systems, i.e. flow charts or diagrams; Arrangements, e.g. comprising controlling means}	<administrative transfer to B01F 23/19>

CPC NOTICE OF CHANGES 1248

DATE: JANUARY 1, 2022

PROJECT RP0757

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 3/028	3	{characterised by the construction of the controlling means}	<administrative transfer to B01F 23/191>
D	B01F 3/04	1	gases or vapours with liquids (mixing non-alcoholic beverages with gases A23L 2/54 {; for medical purposes A61M 16/14})	<administrative transfer to B01F 23/20>
D	B01F 3/04007	2	{Introducing a liquid into a gaseous medium, e.g. preparation of aerosols (for air-conditioning F24F 6/00)}	<administrative transfer to B01F 23/21>
D	B01F 3/04014	3	{Methods}	<administrative transfer to B01F 23/211>
D	B01F 3/04021	3	{by spraying or atomising of the liquid (apparatus for spraying or atomising per se B05B; evaporating by spraying B01D 1/16)}	<administrative transfer to B01F 23/213>
D	B01F 3/04028	4	{using rotating elements, e.g. rolls, brushes}	<administrative transfer to B01F 23/2131>
D	B01F 3/04035	5	{for spraying the liquid radially by centrifugal force}	<administrative transfer to B01F 23/21311>
D	B01F 3/04042	5	{with additional rotating elements mounted on the same axis, e.g. fans, for moving the gas}	<administrative transfer to B01F 23/21312>
D	B01F 3/04049	4	{using nozzles}	<administrative transfer to B01F 23/2132>
D	B01F 3/04056	5	{High pressure atomization, i.e. the liquid is atomized and sprayed by a jet at high pressure}	<administrative transfer to B01F 23/21321>
D	B01F 3/04063	5	{Internal mixer atomization, i.e. liquid and gas are mixed and atomized in a jet nozzle before spraying}	<administrative transfer to B01F 23/21322>
D	B01F 3/0407	4	{using electric, sonic or ultrasonic energy}	<administrative transfer to B01F 23/2133>
D	B01F 3/04078	3	{using a gas-liquid mixing column or tower (absorbing units for separating gases or vapours B01D 53/18)}	<administrative transfer to B01F 23/214>
D	B01F 3/04085	3	{by forcing the gas through absorbent pads containing the liquid}	<administrative transfer to B01F 23/215>
D	B01F 2003/04092	3	{by using liquefied or cryogenic gases as liquid component}	<administrative transfer to B01F 23/216 INV >
D	B01F 3/04099	2	{Introducing a gas or vapour into a liquid medium, e.g. producing aerated liquids (methods for the preparation of non-alcoholic beverages, e.g. of carbonated water A23L 2/00; bottling liquids, e.g. combined with aerating or carbonating B67C 3/00; dispensing beverages on draught combined with carbonating B67D 1/0057, B67D 1/025, B67D 1/0406, B67D 1/0418; dispensing beverages by gas pressure from storage containers, e.g. syphons B67D 1/04; biological treatment of water, waste water or sewage C02F 3/00; impregnating wine with carbon dioxide C12G 1/06; gas introduction means for enzymology or microbiology apparatus C12M 1/04)}	<administrative transfer to B01F 23/23>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 3/04106	3	{the gas being introduced by bubbling, e.g. within receptacles or tanks (B01F 3/04531, B01F 3/04787 take precedence; introducing gas for agitation only B01F 13/02)}	<administrative transfer to B01F 23/231>
D	B01F 3/04113	4	{Arrangement or manipulation of the gas bubbling devices}	<administrative transfer to B01F 23/23105>
D	B01F 3/0412	5	{Mounting the bubbling devices or the diffusers (B01F 3/04241 takes precedence)}	<administrative transfer to B01F 23/2311>
D	B01F 2003/04127	6	{comprising the use of flow guiding elements adjacent or above the gas stream}	<administrative transfer to B01F 23/23112 INV >
D	B01F 2003/04134	7	{the flow guiding elements being baffles, tubes or walls}	<administrative transfer to B01F 23/231121 INV >
D	B01F 2003/04141	7	{the flow guiding elements being dome-shaped elements, i.e. for trapping air, e.g. cap-, umbrella-, inversed cone-shaped}	<administrative transfer to B01F 23/231122 INV >
D	B01F 2003/04148	6	{characterized by the disposition of the bubbling elements in particular configurations, patterns or arrays}	<administrative transfer to B01F 23/23113 INV >
D	B01F 2003/04156	6	{characterized by the way in which the different elements of the bubbling installation are mounted}	<administrative transfer to B01F 23/23114 INV>
D	B01F 2003/04163	7	{Mounting auxiliary devices, e.g. pumps, compressors in a particular place on the bubbling installation, e.g. under water}	<administrative transfer to B01F 23/231141 INV >
D	B01F 2003/0417	7	{Mounting the gas transporting elements, i.e. connections between conduits}	<administrative transfer to B01F 23/231142 INV >
D	B01F 2003/04177	7	{Mounting the bubbling elements, diffusors, e.g. on conduits, using connecting elements; Connections therefor}	<administrative transfer to B01F 23/231143 INV >
D	B01F 2003/04184	6	{characterized by the way in which the bubbling devices are mounted within the receptacle}	<administrative transfer to B01F 23/23115 INV >
D	B01F 2003/04191	7	{the bubbling devices being fixed, anchored in the bottom}	<administrative transfer to B01F 23/231151 INV >
D	B01F 2003/04198	7	{the bubbling devices being supported, e.g. on cables or laying on the bottom}	<administrative transfer to B01F 23/231152 INV >
D	B01F 2003/04205	7	{the bubbling devices being suspended on a supporting construction, i.e. not on a floating construction}	<administrative transfer to B01F 23/231153 INV >
D	B01F 2003/04212	7	{the bubbling devices being provided with ballast to keep them floating under the surface, i.e. when the bubbling devices are lighter than the liquid}	<administrative transfer to B01F 23/231154 INV >
D	B01F 2003/04219	7	{the bubbling devices floating and having a pendulum movement, going to and from, moving in alternating directions}	<administrative transfer to B01F 23/231155 INV >
D	B01F 2003/04226	7	{the bubbling devices floating and having a rotating movement around a central vertical axis}	<administrative transfer to B01F 23/231156 INV >
D	B01F 2003/04234	6	{Means for manipulating the bubbling constructions and/or elements, e.g. for raising or lowering them}	<administrative transfer to B01F 23/23116 INV >
D	B01F 3/04241	5	{Diffusers}	<administrative transfer to B01F 23/2312>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 3/04248	6	{having injection means, e.g. nozzles with circumferential outlet}	<administrative transfer to B01F 23/23121>
D	B01F 3/04255	6	{having elements opening under air pressure, e.g. valves}	<administrative transfer to B01F 23/23122>
D	B01F 3/04262	6	{consisting of rigid porous or perforated material}	<administrative transfer to B01F 23/23123>
D	B01F 3/04269	6	{consisting of flexible porous or perforated material, e.g. fabric}	<administrative transfer to B01F 23/23124>
D	B01F 2003/04276	6	{characterized by the way in which they are assembled or mounted; Fabricating the parts of the diffusers}	<administrative transfer to B01F 23/23125 INV >
D	B01F 2003/04283	6	{characterized by the shape of the diffuser element}	<administrative transfer to B01F 23/23126 INV >
D	B01F 2003/0429	7	{having a box- or bloc-shape, being in the form of aeration stones}	<administrative transfer to B01F 23/231261 INV >
D	B01F 2003/04297	7	{having disc shape}	<administrative transfer to B01F 23/231262 INV >
D	B01F 2003/04304	7	{having dome-, cap-, inversed cone-shape}	<administrative transfer to B01F 23/231263 INV >
D	B01F 2003/04312	7	{being in the form of plates, flat beams, flat membranes or films}	<administrative transfer to B01F 23/231264 INV >
D	B01F 2003/04319	7	{being tubes, tubular elements, cylindrical elements, set of tubes}	<administrative transfer to B01F 23/231265 INV >
D	B01F 2003/04326	7	{being in the form of rings or annular elements}	<administrative transfer to B01F 23/231266 INV >
D	B01F 2003/04333	7	{being axially stacked discs, rings, plates}	<administrative transfer to B01F 23/231267 INV >
D	B01F 2003/0434	7	{being helically wound, coiled and joined bands, wires}	<administrative transfer to B01F 23/231268 INV >
D	B01F 2003/04347	7	{being spirally wound, coiled tubes or spirally wound, coiled and joined bands, wires}	<administrative transfer to B01F 23/231269 INV>
D	B01F 2003/04354	6	{characterized by the nature of the diffuser gas outlet}	<administrative transfer to B01F 23/2312 INV >
D	B01F 2003/04361	7	{Perforations}	<administrative transfer to B01F 23/231231 INV >
D	B01F 2003/04368	7	{Slits, cut-out openings}	<administrative transfer to B01F 23/231232 INV >
D	B01F 2003/04375	7	{Screens, nets, grades, grids}	<administrative transfer to B01F 23/23127 INV >
D	B01F 2003/04382	7	{Fabric in the form of woven, knitted, braided, non-woven or floculated fibers or filaments}	<administrative transfer to B01F 23/231245 INV >
D	B01F 2003/0439	7	{Pores}	<administrative transfer to B01F 23/23123 INV >
D	B01F 2003/04397	7	{Foam-like}	<administrative transfer to B01F 23/231233 INV >
D	B01F 2003/04404	7	{Dissolving, hollow fiber membranes}	<administrative transfer to B01F 23/231244 INV >
D	B01F 2003/04411	6	{having specific properties or elements attached thereto}	<administrative transfer to B01F 23/23128 INV>

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D	B01F 2003/04418	7	{Made of or comprising a biocide}	<administrative transfer to B01F 23/231281 INV >
D	B01F 2003/04425	7	{Made of or comprising a material able to store a gas which is released when water flows through it}	<administrative transfer to B01F 23/231282 INV >
D	B01F 2003/04432	7	{Having elements to protect the parts of the diffusers, e.g. from clogging when not in use}	<administrative transfer to B01F 23/231283 INV >
D	B01F 3/04439	3	{Methods}	<administrative transfer to B01F 23/2319>
D	B01F 3/04446	3	{Making foam (for cocoa products A23G 1/105; for sweet meats A23G 3/0221; for fire-extinguishing foam A62C 5/02; spray pistols for making foam B05B 7/0018; foam used in forming crevices or fractures for stimulation of oil production E21B 43/26)}	<administrative transfer to B01F 23/235>
D	B01F 3/04453	4	{using driven stirrers}	<administrative transfer to B01F 23/2351>
D	B01F 3/0446	3	{using flow mixing means for introducing the gas, e.g. in conduits or in vessels (B01F 3/04106, B01F 3/0876 take precedence; distillation in which liquids are contacted with gaseous media B01D 3/00; jet regulation with aerating means for fresh water plumbing installations E03C 1/084)}	<administrative transfer to B01F 23/232>
D	B01F 3/04468	4	{by moving liquid and gas in counter current (absorbing units for separating gases or vapours B01D 53/18; in heat exchange apparatus F28C 3/06)}	<administrative transfer to B01F 23/2321>
D	B01F 3/04475	5	{the liquid flowing in a thin film to absorb the gas (fractional distillation with fractionating columns in which vapour bubbles through liquid B01D 3/16)}	<administrative transfer to B01F 23/23211>
D	B01F 3/04482	6	{the liquid film or layer flowing over a horizontal or inclined surface, e.g. perforated}	<administrative transfer to B01F 23/232111>
D	B01F 3/04489	6	{the liquid film or layer flowing over a vertical surface, e.g. a mesh}	<administrative transfer to B01F 23/232112>
D	B01F 3/04496	4	{using columns, e.g. multistaged columns}	<administrative transfer to B01F 23/2322>
D	B01F 3/04503	4	{by circulating the flow in guiding constructions or conduits}	<administrative transfer to B01F 23/2323>
D	B01F 3/0451	5	{being at least partially immersed in the liquid, e.g. in a closed circuit (B01F 3/04602 takes precedence)}	<administrative transfer to B01F 23/23231>
D	B01F 3/04517	6	{The conduits being vertical draft pipes with a lower intake end and an upper exit end}	<administrative transfer to B01F 23/232311>
D	B01F 3/04524	6	{the guiding constructions being baffles for guiding the flow up-and-down or from left-to-right}	<administrative transfer to B01F 23/232312>
D	B01F 3/04531	3	{using driven stirrers with completely immersed stirring elements (B01F 3/04453 takes precedence; surface aerating with stirrers near to the surface B01F 3/04765; flotation machines B03D 1/16)}	<administrative transfer to B01F 23/233>
D	B01F 3/04539	4	{characterised by the introduction of the gas along the axis of the stirrer or along the stirrer elements}	<administrative transfer to B01F 23/2331>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 2003/04546	5	{through a hollow stirrer axis}	<administrative transfer to B01F 23/23311 INV >
D	B01F 2003/04553	5	{through a conduit surrounding the stirrer axis}	<administrative transfer to B01F 23/23312 INV >
D	B01F 2003/0456	5	{through a separate conduit substantially parallel with the stirrer axis}	<administrative transfer to B01F 23/23313 INV >
D	B01F 2003/04567	5	{through a hollow stirrer element}	<administrative transfer to B01F 23/23314 INV >
D	B01F 2003/04574	5	{through a hollow guide surrounding the stirrer element}	<administrative transfer to B01F 23/23315 INV >
D	B01F 2003/04581	5	{through a separate hollow guide substantially parallel with the stirrer element}	<administrative transfer to B01F 23/23316 INV >
D	B01F 3/04588	4	{the stirrer rotating about a horizontal axis; Stirrers therefor}	<administrative transfer to B01F 23/2332>
D	B01F 3/04595	4	{Single stirrer-drive aerating units, e.g. with the stirrer-head pivoting around an horizontal axis}	<administrative transfer to B01F 23/2333>
D	B01F 3/04602	4	{provided with stationary guiding means surrounding at least partially the stirrer}	<administrative transfer to B01F 23/2334>
D	B01F 3/04609	5	{with tubes surrounding the stirrer}	<administrative transfer to B01F 23/23341>
D	B01F 3/04617	5	{the stirrer being of the centrifugal type, e.g. with a surrounding stator}	<administrative transfer to B01F 23/23342>
D	B01F 2003/04624	4	{characterised by the direction of introduction of the gas relative to the stirrer}	<administrative transfer to B01F 23/2335 INV >
D	B01F 2003/04631	5	{the gas moving along the axis of rotation}	<administrative transfer to B01F 23/23351 INV >
D	B01F 2003/04638	5	{the gas moving perpendicular to the axis of rotation}	<administrative transfer to B01F 23/23352 INV >
D	B01F 2003/04645	5	{the gas being sucked towards the rotating stirrer}	<administrative transfer to B01F 23/23353 INV >
D	B01F 2003/04652	5	{the gas being driven away from the rotating stirrer}	<administrative transfer to B01F 23/23354 INV >
D	B01F 2003/04659	4	{characterised by the location of the place of introduction of the gas relative to the stirrer}	<administrative transfer to B01F 23/2336 INV >
D	B01F 2003/04666	5	{the gas being introduced in a guide tube surrounding at least partially the axis of the stirrer}	<administrative transfer to B01F 23/23361 INV>
D	B01F 2003/04673	5	{the gas being introduced under the stirrer}	<administrative transfer to B01F 23/23362 INV >
D	B01F 2003/0468	5	{the gas being introduced above the stirrer}	<administrative transfer to B01F 23/23363 INV >
D	B01F 2003/04687	5	{the gas being introduced between the stirrer elements}	<administrative transfer to B01F 23/23364 INV >
D	B01F 2003/04695	6	{at the stirrer axis}	<administrative transfer to B01F 23/233641 INV >
D	B01F 2003/04702	6	{at the stirrer elements}	<administrative transfer to B01F 23/233642 INV >
D	B01F 2003/04709	5	{the gas being introduced at the radial periphery of the stirrer}	<administrative transfer to B01F 23/23365 INV >

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D	B01F 2003/04716	5	{the gas being introduced in front of the stirrer}	<administrative transfer to B01F 23/23366 INV >
D	B01F 2003/04723	5	{the gas being introduced behind the stirrer}	<administrative transfer to B01F 23/23367 INV >
D	B01F 3/0473	3	{Surface aerating, e.g. by cascading, spraying or projecting a liquid into a gaseous atmosphere (direct-contact heat exchange apparatus, the heat-exchange media being a liquid and a gas or a vapour F28C 3/06)}	<administrative transfer to B01F 23/234>
D	B01F 3/04737	4	{by cascading, spraying or projecting a liquid into a gaseous atmosphere (B01F 3/04765 takes precedence)}	<administrative transfer to B01F 23/2341>
D	B01F 3/04744	5	{Surface aerating by cascading the liquid}	<administrative transfer to B01F 23/23411>
D	B01F 3/04751	5	{Surface aerating using liquid falling from orifices in a gaseous atmosphere, the orifices being exits from perforations, tubes, chimneys}	<administrative transfer to B01F 23/23412>
D	B01F 3/04758	5	{Surface aerating using nozzles for projecting the liquid as a jet}	<administrative transfer to B01F 23/23413>
D	B01F 3/04765	4	{with stirrers near to the liquid surface, e.g. partially immersed, for spraying the liquid in the gas or for sucking gas into the liquid, e.g. using stirrers rotating around a horizontal axis or using centrifugal force}	<administrative transfer to B01F 23/2342>
D	B01F 3/04773	5	{the stirrers rotating about a vertical axis}	<administrative transfer to B01F 23/23421>
D	B01F 3/0478	6	{Stirrers therefor}	<administrative transfer to B01F 23/234211>
D	B01F 3/04787	3	{Apparatus for aerating or carbonating beverages (B01F 3/0446, B01F 3/04978 take precedence; using effervescence-generating compositions, e.g. carbon dioxide tablets A23L 2/40)}	<administrative transfer to B01F 23/236>
D	B01F 3/04794	4	{for aerating or carbonating beverages within containers, e.g. bottles}	<administrative transfer to B01F 23/2361>
D	B01F 3/04801	5	{Portable appliances comprising a gas cartridge}	<administrative transfer to B01F 23/23611>
D	B01F 3/04808	4	{for aerating or carbonating within receptables or tanks, e.g. distribution machines (B01F 3/04794 takes precedence)}	<administrative transfer to B01F 23/2362>
D	B01F 3/04815	4	{Mixing systems, i.e. flow charts or diagrams; Arrangements, e.g. comprising controlling means}	<administrative transfer to B01F 23/2363>
D	B01F 2003/04822	4	{Using security elements, e.g. valves, for relieving overpressure}	<administrative transfer to B01F 23/2364 INV>
D	B01F 3/04829	3	{Parts; Accessories}	<administrative transfer to B01F 23/2366>
D	B01F 3/04836	4	{Mixing receptacles, e.g. tanks, vessels, reactors, being completely closed, e.g. hermetically closed}	<administrative transfer to B01F 23/2368>
D	B01F 2003/04843	3	{characterized by the gas being introduced or the material in which the gas is introduced}	<administrative transfer to B01F 23/237 INV>
D	B01F 2003/04851	4	{characterized by the gas being introduced}	<administrative transfer to B01F 23/2376 INV>

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D	B01F 2003/04858	5	{in the form of microbubbles, e.g. to obtain aphrons}	<administrative transfer to B01F 23/2373 INV>
D	B01F 2003/04865	5	{Aerating, i.e. introducing oxygen containing gas in liquids}	<administrative transfer to B01F 23/23761 INV>
D	B01F 2003/04872	6	{Normal air}	<administrative transfer to B01F 23/237611 INV>
D	B01F 2003/04879	6	{Oxygen}	<administrative transfer to B01F 23/237612 INV>
D	B01F 2003/04886	6	{Ozone}	<administrative transfer to B01F 23/237613 INV>
D	B01F 2003/04893	5	{Carbonating liquids}	<administrative transfer to B01F 23/23762 INV>
D	B01F 2003/049	6	{Beverages}	<administrative transfer to B01F 23/237621 INV>
D	B01F 2003/04907	5	{Chlorine or chlorine containing gases}	<administrative transfer to B01F 23/23763 INV>
D	B01F 2003/04914	5	{Hydrogenating liquids}	<administrative transfer to B01F 23/23764 INV>
D	B01F 2003/04921	5	{Nitrogenating liquids}	<administrative transfer to B01F 23/23765 INV>
D	B01F 2003/04929	5	{Sulphurating liquids, e.g. introducing sulphur dioxyde}	<administrative transfer to B01F 23/23766 INV>
D	B01F 2003/04936	5	{Introducing steam, damp in liquids}	<administrative transfer to B01F 23/23767 INV>
D	B01F 2003/04943	4	{characterized by the material in which the gas is introduced}	<no transfer>
D	B01F 2003/0495	5	{Dispersion or a suspension}	<no transfer>
D	B01F 2003/04957	5	{Emulsion}	<no transfer>
D	B01F 2003/04964	5	{Melt, i.e. in a molten, heated solid}	<no transfer>
D	B01F 2003/04971	5	{Slurry}	<no transfer>
D	B01F 3/04978	3	{using vibrations, electrical or magnetical energy, radiations}	<administrative transfer to B01F 23/238>
D	B01F 3/04985	2	{Mixing systems, i.e. flow charts or diagrams}	<administrative transfer to B01F 23/29>
D	B01F 3/04992	3	{for obtaining foams or aerosols}	<administrative transfer to B01F 23/291>
D	B01F 3/06	1	gases or vapours with solids	<administrative transfer to B01F 23/30>
D	B01F 2003/061	2	{by introducing solids in gas volumes}	<administrative transfer to B01F 23/32 INV>
D	B01F 2003/063	2	{by introducing gases in solid materials, e.g. in masses of powder or particles}	<administrative transfer to B01F 23/34 INV>
D	B01F 2003/065	3	{by introducing steam, e.g. for wetting the solids}	<administrative transfer to B01F 23/341 INV>
D	B01F 2003/066	2	{by mixing in fluidised bed state}	<administrative transfer to B01F 23/36 INV >
D	B01F 3/068	2	{Mixing systems, i.e. flow charts or diagrams}	<administrative transfer to B01F 23/39>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 3/08	1	liquids with liquids; Emulsifying {(B01F 13/0222 takes precedence; dispensing beverages on draught combined with mixing B67D 1/0015, B67D 1/0043)}	<administrative transfer to B01F 23/40>
D	B01F 3/0803	2	{Methods (B01F 3/0811 takes precedence)}	<administrative transfer to B01F 23/405>
D	B01F 3/0807	2	{Emulsifying (homogenising milk A01J 11/16; for adding a water-fuel emulsion in engine-pertinent apparatus F02M 25/0228; for preparing emulsion of liquid fuel with other fluid(s) for feeding combustion apparatus F23K 5/12)}	<administrative transfer to B01F 23/41>
D	B01F 3/0811	3	{Methods}	<administrative transfer to B01F 23/4105>
D	B01F 3/0815	3	{using heat, vibrations, electrical or magnetical energy}	<administrative transfer to B01F 23/411>
D	B01F 3/0819	4	{using vibrations}	<administrative transfer to B01F 23/4111>
D	B01F 2003/0823	3	{characterized by the internal structure of the emulsion}	<administrative transfer to B01F 23/414 INV>
D	B01F 2003/0826	4	{High internal phase ratio [HIPR] emulsions, e.g. having high percentage of internal phase, e.g. higher than 60-90 % of water in oil [W/O]}	<administrative transfer to B01F 23/4141 INV>
D	B01F 2003/083	4	{Inversed-type emulsions}	<administrative transfer to B01F 23/4142 INV>
D	B01F 2003/0834	4	{Microemulsions}	<administrative transfer to B01F 23/4143 INV>
D	B01F 2003/0838	4	{Multiple emulsions, in particular double emulsion, e.g. water in oil in water; Three-phase emulsion}	<administrative transfer to B01F 23/4144 INV>
D	B01F 2003/0842	4	{Emulsions of oils, e.g. fuel, and water}	<administrative transfer to B01F 23/4145 INV>
D	B01F 2003/0846	4	{Emulsions including solid particles, e.g. as solution or dispersion, i.e. molten material or material dissolved in a solvent or dispersed in a liquid}	<administrative transfer to B01F 23/4146>
D	B01F 2003/0849	3	{Homogenizing a raw emulsion, making monodisperse or fine emulsions}	<administrative transfer to B01F 23/413>
D	B01F 3/0853	2	{Mixing liquids using driven stirrers}	<administrative transfer to B01F 23/43>
D	B01F 3/0857	3	{At least one of the liquids being introduced from the outside through or along the axis of a rotating stirrer, e.g. the stirrer being rotating due to the reaction of the introduced liquid}	<administrative transfer to B01F 23/431>
D	B01F 3/0861	2	{Mixing liquids using flow mixing}	<administrative transfer to B01F 23/45>
D	B01F 3/0865	3	{by injecting or introducing one liquid into another}	<administrative transfer to B01F 23/451>
D	B01F 3/0869	3	{by uniting flows taken from different parts of a receptacle or silo; Sandglass-type mixing (for particulate material B01F 5/24)}	<administrative transfer to B01F 23/452>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 3/0873	3	{by moving the liquids in countercurrent}	\<administrative transfer to B01F 23/453\>
D	B01F 3/0876	3	{by injecting a mixture of liquid and gas}	\<administrative transfer to B01F 23/454\>
D	B01F 3/088	2	{Mixing systems, i.e. flow charts or diagrams}	\<administrative transfer to B01F 23/49\>
D	B01F 2003/0884	2	{characterised by the nature of the liquids}	\<administrative transfer to B01F 23/48 INV\>
D	B01F 2003/0888	3	{using liquefied or cryogenic gases}	\<administrative transfer to B01F 23/481 INV\>
D	B01F 2003/0892	3	{using molten solids}	\<administrative transfer to B01F 23/482 INV\>
D	B01F 2003/0896	3	{Using water for diluting a liquid ingredient, obtaining a predetermined concentration or making an aqueous solution of a concentrate}	\<administrative transfer to B01F 23/483 INV\>
D	B01F 3/10	2	Mixing very viscous liquids	\<administrative transfer to B01F 23/47\>
D	B01F 2003/105	3	{using a very viscous liquid and a liquid of low viscosity}	\<administrative transfer to B01F 23/471 INV\>
D	B01F 3/12	1	liquids with solids ({B01F 1/00 takes precedence;} displacing one liquid by another in dispersions of solids in liquids B01D 12/00)	\<administrative transfer to B01F 23/50\>
D	B01F 3/1207	2	{Methods (B01F 3/1221 takes precedence; process features in the making of dispersions of dyestuffs preparations C09B 67/0091)}	\<administrative transfer to B01F 23/51\>
D	B01F 3/1214	3	{characterised by the composition of the liquids or solids}	\<administrative transfer to B01F 23/511\>
D	B01F 3/1221	2	{using driven stirrers}	\<administrative transfer to B01F 23/53\>
D	B01F 3/1228	2	{Wetting solids (B01F 5/18 takes precedence)}	\<administrative transfer to B01F 23/54\>
D	B01F 3/1235	2	{the mixture being submitted to electrical, sonic or similar energy}	\<administrative transfer to B01F 23/55\>
D	B01F 3/1242	3	{using vibrations}	\<administrative transfer to B01F 23/551\>
D	B01F 2003/125	2	{by introducing, e.g. dispersing, dissolving, solids in liquids}	\<administrative transfer to B01F 23/56 INV\>
D	B01F 2003/1257	2	{by introducing liquids in solid material, e.g. to obtain slurries}	\<administrative transfer to B01F 23/565 INV\>
D	B01F 2003/1264	3	{by introducing liquids in a fluidised bed}	\<administrative transfer to B01F 23/566 INV\>
D	B01F 3/1271	2	{Mixing systems, i.e. flow charts or diagrams}	\<administrative transfer to B01F 23/59\>
D	B01F 2003/1278	2	{characterized by the nature of the liquid}	\<administrative transfer to B01F 23/58 INV\>
D	B01F 2003/1285	3	{Mixing liquids with solids, slurries, sludge, for obtaining a diluted slurry}	\<administrative transfer to B01F 23/581 INV\>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 2003/1292	3	{Mixing foam with solids}	<administrative transfer to B01F 23/582 INV>
D	B01F 3/14	2	Mixing very viscous liquids with solids	<administrative transfer to B01F 23/57>
D	B01F 3/18	1	solid with solids {(B01F 5/24 takes precedence; bulk material piled in a stack and unloaded from the stack to obtain an average product B65G 69/10)}	<administrative transfer to B01F 23/60>
D	B01F 3/182	2	{using a receptacle provided at its bottom discharge opening with oscillating or vibrating opening and closing elements, or with elements fitted on moving chains}	<administrative transfer to B01F 23/62>
D	B01F 3/184	2	{using rotatable mixing elements at the lower end of discharge hoppers}	<administrative transfer to B01F 23/64>
D	B01F 3/186	2	{by evaporating or liquefying at least one of the components; using a fluid which is evaporated after mixing}	<administrative transfer to B01F 23/66>
D	B01F 3/188	2	{Mixing systems, i.e. flow charts or diagrams; Arrangements, e.g. comprising controlling means}	<administrative transfer to B01F 23/69>
D	B01F 3/20	1	Pretreatment of the materials to be mixed {(B28C 5/404, B29B 7/905 take precedence)}	<administrative transfer to B01F 23/70>
D	B01F 3/2007	2	{Coating solid components}	<administrative transfer to B01F 23/701>
D	B01F 3/2014	2	{Cooling components}	<administrative transfer to B01F 23/702>
D	B01F 3/2021	2	{Degassing, deaerating components; replacing one gas within the components by another gas}	<administrative transfer to B01F 23/703>
D	B01F 3/2028	2	{Drying components, e.g. in order to mix them in solid state}	<administrative transfer to B01F 23/704>
D	B01F 3/2035	2	{Submitting components to electrical energy fields to charge or ionize them}	<administrative transfer to B01F 23/705>
D	B01F 3/2042	2	{Evaporating solvents, dispersion liquid, e.g. water, at least partially}	<administrative transfer to B01F 23/706>
D	B01F 3/205	2	{Extracting components to be mixed from a stream of fluid or from a solid containing them, e.g. by adsorption, absorption or distillation}	<administrative transfer to B01F 23/707>
D	B01F 3/2057	2	{Filtering components}	<administrative transfer to B01F 23/708>
D	B01F 3/2064	2	{Freezing components, e.g. to mix them in solid state}	<administrative transfer to B01F 23/709>
D	B01F 3/2071	2	{Grinding components}	<administrative transfer to B01F 23/71>
D	B01F 3/2078	2	{Heating components, e.g. melting}	<administrative transfer to B01F 23/711>
D	B01F 3/2085	2	{Irradiating components}	<administrative transfer to B01F 23/712>
D	B01F 3/2092	2	{Sieving components}	<administrative transfer to B01F 23/713>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 3/22	1	Aftertreatment of the mixture	<administrative transfer to B01F 23/80>
D	B01F 3/2207	2	{Coating the solid mixture}	<administrative transfer to B01F 23/801>
D	B01F 3/2215	2	{Cooling the mixture}	<administrative transfer to B01F 23/802>
D	B01F 3/2223	2	{Venting, degassing, ventilating of gases, fumes or toxic vapours from the mixture}	<administrative transfer to B01F 23/803>
D	B01F 3/223	2	{Drying the mixture}	<administrative transfer to B01F 23/804>
D	B01F 3/2238	2	{Submitting a mixture to electrical energy fields, e.g. corona discharge}	<administrative transfer to B01F 23/805>
D	B01F 3/2246	2	{Evaporating a carrier, e.g. liquid carbon dioxyde, e.g. used to dissolve, disperse, emulsify, other components which are difficult to be mixed; Evaporating liquid components}	<administrative transfer to B01F 23/806>
D	B01F 3/2253	2	{Extracting components from the mixture, e.g. by adsorption, absorption, distillation}	<administrative transfer to B01F 23/807>
D	B01F 3/2261	2	{Filtering the mixture}	<administrative transfer to B01F 23/808>
D	B01F 3/2269	2	{Freezing the mixture}	<administrative transfer to B01F 23/809>
D	B01F 3/2276	2	{Grinding the mixture}	<administrative transfer to B01F 23/81>
D	B01F 3/2284	2	{Heating the mixture}	<administrative transfer to B01F 23/811>
D	B01F 3/2292	2	{Irradiating the mixture}	<administrative transfer to B01F 23/812>
D	B01F 5/00	0	Flow mixers (sprayers, atomisers B05B); Mixers for falling materials, e.g. solid particles (B01F 13/04 takes precedence; centrifugal mixers B04)	<administrative transfer to B01F 25/00>
D	B01F 2005/0002	1	{Direction of flow or arrangement of feed and discharge openings}	<administrative transfer to B01F 2025/91>
D	B01F 2005/0005	2	{Axial flow}	<administrative transfer to B01F 2025/911>
D	B01F 2005/0008	2	{Radial flow}	<administrative transfer to B01F 2025/912>
D	B01F 2005/0011	3	{from the center to the circumference, i.e. centrifugal flow}	<administrative transfer to B01F 2025/9121>
D	B01F 2005/0014	3	{from the circumference to the center}	<administrative transfer to B01F 2025/9122>
D	B01F 2005/0017	2	{Vortex flow, i.e. flow spiraling in a tangential direction and moving in an axial direction}	<administrative transfer to B01F 2025/913>
D	B01F 2005/002	2	{Tangential flow, i.e. flow spiraling in a tangential direction in a flat plane or beltlike area}	<administrative transfer to B01F 2025/914>
D	B01F 2005/0022	2	{Reverse flow, i.e. flow changing substantially 180° in direction}	<administrative transfer to B01F 2025/915>

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D	B01F 2005/0025	2	{Turbulent flow, i.e. every point of the flow moves in random direction and intermixes}	<administrative transfer to B01F 2025/916>
D	B01F 2005/0028	2	{Laminar or parallel flow, i.e. every point of the flow moves in layers which do not intermix}	<administrative transfer to B01F 2025/917>
D	B01F 2005/0031	3	{Parallel flow, i.e. every point of the flow moves in parallel layers where intermixing can occur by diffusion or which do not intermix; Focusing, i.e. compressing parallel layers without intermixing them}	<administrative transfer to B01F 2025/9171>
D	B01F 2005/0034	2	{Counter current flow, i.e. flows moving in opposite direction and colliding}	<administrative transfer to B01F 2025/918>
D	B01F 2005/0037	2	{Characterised by the disposition of the feed and discharge openings}	<administrative transfer to B01F 2025/919>
D	B01F 2005/004	3	{Characterised by the arrangement of the feed openings for one or more flows, e.g. for the mainflow and the flow of an additional component}	<administrative transfer to B01F 2025/9191>
D	B01F 2005/0042	4	{with feed openings in the center of the main flow}	<administrative transfer to B01F 2025/91911>
D	B01F 2005/0045	4	{with feed openings at the circumference of the main flow}	<administrative transfer to B01F 2025/91912>
D	B01F 2005/0048	5	{with feed openings around the complete circumference of the main flow, e.g. being a perforated or porous part}	<administrative transfer to B01F 2025/919121>
D	B01F 2005/0051	4	{with feed openings in the center and at the circumference of the main flow}	<administrative transfer to B01F 2025/919125>
D	B01F 2005/0054	4	{with feed openings facing each other, e.g. for creating counter flows, for creating a series of vortex flows}	<administrative transfer to B01F 2025/91913>
D	B01F 5/0057	1	{Mixing by creating a vortex flow, e.g. by tangentially introducing jets (apparatus using free vortex flow in general B04C)}	<administrative transfer to B01F 25/10>
D	B01F 5/006	2	{wherein the vortex flows in a spherical shaped receptacle or chamber}	<administrative transfer to B01F 25/101>
D	B01F 5/0062	2	{wherein the vortex is created by two or more jets introduced tangentially in separate mixing chambers or consecutively in the same mixing chamber}	<administrative transfer to B01F 25/102>
D	B01F 5/0065	2	{with additional mixing means other than vortex mixers, e.g. the vortex chamber being positioned in another mixing chamber}	<administrative transfer to B01F 25/103>
D	B01F 5/0068	2	{Characterised by the arrangement of the discharge opening}	<administrative transfer to B01F 25/104>
D	B01F 5/0071	3	{the mixing chamber being vertical with the outlet tube at its upper side}	<administrative transfer to B01F 25/1041>
D	B01F 5/0074	3	{the mixing chamber being vertical and having an outlet tube at its bottom whose inlet is at a higher level than the inlet of the vortex creating jet, e.g. the jet being introduced at the bottom of the mixing chamber}	<administrative transfer to B01F 25/1042>
D	B01F 5/0077	1	{Mixing heads, i.e. compact mixing units or modules, using mixing valves for feeding and mixing at least two components (for homogenizing mixtures B01F 5/0661, mixing valves F16K 11/00)}	<administrative transfer to B01F 25/105>

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D	B01F 5/008	2	{of the mixing valve type}	<administrative transfer to B01F 25/1051>
D	B01F 5/0082	1	{Interdigital mixers, i.e. the substances to be mixed are divided in substreams which are rearranged in an interdigital or interspersed manner (B01F 13/0066 takes precedence)}	<administrative transfer to B01F 25/12>
D	B01F 5/0085	1	{Mixing drops, droplets, bodies of liquid which flow together or contact each other (B01F 13/0069 takes precedence)}	<administrative transfer to B01F 25/14>
D	B01F 2005/0088	1	{Arrangement, nature or configuration of flow guiding elements}	<administrative transfer to B01F 2025/93>
D	B01F 2005/0091	2	{Flow guiding elements surrounding feed openings, e.g. jet nozzles}	<administrative transfer to B01F 2025/931>
D	B01F 2005/0094	2	{Nature of the flow guiding elements}	<administrative transfer to B01F 2025/932>
D	B01F 2005/0097	3	{Surface characteristics, e.g. coated, rough}	<administrative transfer to B01F 2025/9321>
D	B01F 5/02	1	Jet mixers {(B01F 5/0057 take precedence; with gas agitation, i.e. for fluidisation B01F 13/02)}	<administrative transfer to B01F 25/20>
D	B01F 5/0206	2	{comprising submerged injectors, e.g. nozzles, for injecting high pressure jets in a large volume or in a mixing chamber (B01F 3/04106 takes precedence; injecting an additional component in a conduit B01F 5/0403)}	<administrative transfer to B01F 25/21>
D	B01F 5/0212	3	{the injectors being surrounded by guiding tubes}	<administrative transfer to B01F 25/211>
D	B01F 5/0218	3	{the injectors being movable, e.g. rotating}	<administrative transfer to B01F 25/212>
D	B01F 5/0225	4	{Pivoting, oscillating in a multidirectional way during jetting}	<administrative transfer to B01F 25/2121>
D	B01F 5/0231	4	{Rotating during jetting}	<administrative transfer to B01F 25/2122>
D	B01F 5/0237	4	{being vertically moved to bring the injector in or out of operative position}	<administrative transfer to B01F 25/2123>
D	B01F 5/0243	4	{being moved or transported between different locations during jetting}	<administrative transfer to B01F 25/2124>
D	B01F 5/025	4	{Moving to adjust the direction of jetting, the injectors being fixed during operation}	<administrative transfer to B01F 25/2125>
D	B01F 5/0256	2	{Mixing by intersecting jets (in a stream-impingement mixing head for polymers B29B 7/76)}	<administrative transfer to B01F 25/23>
D	B01F 5/0262	3	{the intersecting jets having the configuration of sheets, cylinders or cones}	<administrative transfer to B01F 25/231>
D	B01F 5/0268	2	{Mixing by jets impinging against a collision plate}	<administrative transfer to B01F 25/25>
D	B01F 5/0275	2	{Mixing by jetting a component in a conduit for agitating its contents, i.e. using high pressure jets (injection under low pressure B01F 5/04; eductor type injector B01F 5/0413)}	<administrative transfer to B01F 25/27>

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D	B01F 5/0281	2	{characterized by the specific design of the jet injector}	<administrative transfer to B01F 25/28>
D	B01F 5/0287	3	{the jet injector being of the RESS (explosive rapid expansion of supercritical solutions) or FIMS (fluid injection of molecular spray) type, i.e. the liquid is jetted in an environment (gas or liquid) by nozzles, in conditions of significant pressure drop, with the possible generation of shock waves}	<administrative transfer to B01F 25/281>
D	B01F 5/0293	3	{the jet injector being of coanda type, i.e. having a surface to attract the jet for adjusting its direction}	<administrative transfer to B01F 25/282>
D	B01F 5/04	1	Injector mixers {, i.e. one or more components being added to a flowing main component (B01F 5/0057 takes precedence)}	<administrative transfer to B01F 25/30>
D	B01F 5/0401	2	{the additional component being axially fed and radially discharged through a circumferential outlet}	<administrative transfer to B01F 25/305>
D	B01F 5/0403	2	{Mixing conduits or tubes, i.e. conduits or tubes through which the main component is flown (mixing devices for gas burners F23D 14/62)}	<administrative transfer to B01F 25/31>
D	B01F 5/0405	3	{for mixing more than two components; Devices specially adapted for generating foam, e.g. air foam}	<administrative transfer to B01F 25/311>
D	B01F 5/0406	4	{Devices specially adapted for generating foam}	<administrative transfer to B01F 25/3111>
D	B01F 5/0408	5	{with additional mixing means other than injector mixers, e.g. screen, baffles (B01F 5/041 takes precedence)}	<administrative transfer to B01F 25/31112>
D	B01F 5/041	5	{with rotating elements, e.g. driven by one of the components for feeding or by the resulting mixture for additional mixing}	<administrative transfer to B01F 25/31113>
D	B01F 5/0411	5	{with means for introducing an additional component, e.g. in predetermined proportion, in the main component}	<administrative transfer to B01F 25/31114>
D	B01F 5/0413	3	{provided with a venturi element}	<administrative transfer to B01F 25/312>
D	B01F 5/0415	4	{with additional mixing means other than injector mixers, e.g. screens, baffles or rotating elements}	<administrative transfer to B01F 25/3121>
D	B01F 5/0416	4	{the material flowing at a supersonic velocity thereby creating shock waves}	<administrative transfer to B01F 25/3122>
D	B01F 5/0418	4	{with two or more venturi elements}	<administrative transfer to B01F 25/3123>
D	B01F 5/042	5	{used alternatively}	<administrative transfer to B01F 25/31231>
D	B01F 5/0421	5	{used simultaneously}	<administrative transfer to B01F 25/31232>
D	B01F 5/0423	5	{used successively}	<administrative transfer to B01F 25/31233>
D	B01F 5/0425	4	{characterized by the place of introduction of the main flow}	<administrative transfer to B01F 25/3124>

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D	B01F 5/0426	5	{the main flow being injected in the circumferential area of the venturi, creating an aspiration in the central part of the conduit}	<administrative transfer to B01F 25/31241>
D	B01F 5/0428	5	{the main flow being injected in the central area of the venturi, creating an aspiration in the circumferential part of the conduit (B01F 5/043 takes precedence)}	<administrative transfer to B01F 25/31242>
D	B01F 5/043	5	{Eductor or eductor type venturi, i.e. the main flow being injected through the venturi with high speed in the form of a jet}	<administrative transfer to B01F 25/31243>
D	B01F 2005/0431	4	{characteristics of the Venturi parts}	<administrative transfer to B01F 25/3125 INV>
D	B01F 2005/0433	5	{Core}	<administrative transfer to B01F 25/31251 INV>
D	B01F 2005/0435	6	{Adjustable Venturi core in the nozzle}	<administrative transfer to B01F 25/312511 INV>
D	B01F 2005/0436	6	{Profiled, grooved, ribbed core, or being provided with baffles}	<administrative transfer to B01F 25/312512 INV>
D	B01F 2005/0438	5	{Nozzle}	<administrative transfer to B01F 25/31252 INV>
D	B01F 2005/044	6	{Adjustable Venturi nozzle}	<administrative transfer to B01F 25/312521 INV>
D	B01F 2005/0441	6	{Profiled, grooved, ribbed nozzle, or being provided with baffles}	<administrative transfer to B01F 25/312522 INV>
D	B01F 2005/0443	5	{Discharge}	<administrative transfer to B01F 25/31253 INV>
D	B01F 2005/0445	6	{Adjustable discharge conduit or barrel, e.g. adjustable in width}	<administrative transfer to B01F 25/312531 INV>
D	B01F 2005/0446	6	{Profiled, grooved, ribbed discharge conduit, or being provided with baffles}	<administrative transfer to B01F 25/312532 INV>
D	B01F 2005/0448	6	{Constructional characteristics of the diverging discharge conduit or barrel, e.g. with zones of changing conicity}	<administrative transfer to B01F 25/312533 INV>
D	B01F 5/045	3	{the additional component being introduced in the centre of the conduit}	<administrative transfer to B01F 25/313>
D	B01F 5/0451	4	{with additional mixing means other than injector mixers, e.g. screens, baffles or rotating elements}	<administrative transfer to B01F 25/3131>
D	B01F 5/0453	4	{by using two or more injector devices}	<administrative transfer to B01F 25/3132>
D	B01F 5/0455	5	{used alternatively}	<administrative transfer to B01F 25/31321>
D	B01F 5/0456	5	{used simultaneously}	<administrative transfer to B01F 25/31322>
D	B01F 5/0458	5	{used successively}	<administrative transfer to B01F 25/31323>
D	B01F 5/046	5	{arranged concentrically}	<administrative transfer to B01F 25/31324>
D	B01F 5/0461	4	{characterized by the specific design of the injector}	<administrative transfer to B01F 25/3133>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 5/0463	5	{Perforated, multi-opening, with a plurality of holes}	<administrative transfer to B01F 25/31331>
D	B01F 5/0465	6	{Porous injectors}	<administrative transfer to B01F 25/313311>
D	B01F 5/0466	5	{Ring, torus, toroidal or coiled configurations}	<administrative transfer to B01F 25/31332>
D	B01F 5/0468	5	{Rotatable injectors}	<administrative transfer to B01F 25/31333>
D	B01F 5/047	5	{the opening for introducing the supplementary stream being a slit}	<administrative transfer to B01F 25/31334>
D	B01F 5/0471	3	{the additional component being introduced at the circumference of the conduit}	<administrative transfer to B01F 25/314>
D	B01F 5/0473	4	{with additional mixing means other than injector mixers}	<administrative transfer to B01F 25/3141>
D	B01F 5/0475	4	{the conduit having a plurality of openings in the axial direction or in the circumferential direction}	<administrative transfer to B01F 25/3142>
D	B01F 5/0476	5	{the conduit being porous}	<administrative transfer to B01F 25/31421>
D	B01F 5/0478	5	{with a plurality of perforations in the axial direction only}	<administrative transfer to B01F 25/31422>
D	B01F 5/048	5	{with a plurality of perforations in the circumferential direction only and covering the whole circumference}	<administrative transfer to B01F 25/31423>
D	B01F 5/0481	6	{the perforations being a complete cut-out in the circumferential direction covering the whole diameter of the tube, i.e. having two consecutive tubes placed consecutively, the additional component being introduced between them}	<administrative transfer to B01F 25/314231>
D	B01F 5/0483	5	{with a plurality of perforations aligned in a row perpendicular to the flow direction}	<administrative transfer to B01F 25/31424>
D	B01F 5/0485	5	{with a plurality of perforations in the axial and circumferential direction covering the whole surface}	<administrative transfer to B01F 25/31425>
D	B01F 5/0486	4	{characterized by the specific design of the injector}	<administrative transfer to B01F 25/3143>
D	B01F 5/0488	5	{A slit extending in the longitudinal direction only}	<administrative transfer to B01F 25/31431>
D	B01F 5/049	5	{A slit extending in the circumferential direction only}	<administrative transfer to B01F 25/31432>
D	B01F 5/0491	5	{Rotatable, e.g. placed on a rotatable housing or conduit}	<administrative transfer to B01F 25/31433>
D	B01F 5/0493	5	{A bundle of similar tubes, each of them having feedings on the circumferential wall, e.g. as mixer for a reactor}	<administrative transfer to B01F 25/31434>
D	B01F 5/0495	3	{a difference of pressure at different points of the conduit provoking introduction of the additional component into the main component (B01F 5/0496 takes precedence)}	<administrative transfer to B01F 25/315>
D	B01F 5/0496	3	{having a container for the additional component fixed to the conduit}	<administrative transfer to B01F 25/316>

CPC NOTICE OF CHANGES 1248

DATE: JANUARY 1, 2022

PROJECT RP0757

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 5/0498	2	{the additional component being added in a by-pass of the main flow (B01F 5/0496, B01F 5/106 take precedence)}	<administrative transfer to B01F 25/32>
D	B01F 5/06	1	Mixers in which the components are pressed together through slits, orifices, or screens; {Static mixers; Mixers of the fractal type}({B01F 7/164, B01F 7/225 take precedence;} turbo-mixers B01F 5/16; colloid-mills B02C; mixing valves F16K 11/00)	<administrative transfer to B01F 25/40>
D	B01F 5/0601	2	{Fractal mixers}	<administrative transfer to B01F 25/41>
D	B01F 5/0602	2	{Static mixers, i.e. mixers in which the mixing is effected by moving the components jointly in changing directions, e.g. in tubes provided with baffles or obstructions (B01F 5/0661, B01F 5/0682 take precedence)}	<administrative transfer to B01F 25/42>
D	B01F 5/0603	3	{the mixture or the components moving in an irregular path, e.g. radially (B01F 5/0646 takes precedence)}	<administrative transfer to B01F 25/421>
D	B01F 5/0604	4	{the mixer being composed of stacked plates between which the material is moving, e.g. the plates being provided with grooves or orifices}	<administrative transfer to B01F 25/422>
D	B01F 5/0605	4	{by means of elements placed in the receptacle for moving or guiding the components}	<administrative transfer to B01F 25/423>
D	B01F 5/0606	5	{using baffles}	<administrative transfer to B01F 25/4231>
D	B01F 5/0607	5	{using dams}	<administrative transfer to B01F 25/4232>
D	B01F 5/0608	5	{using plates with holes, the holes being displaced from one plate to the next one to force the flow to make a bending movement}	<administrative transfer to B01F 25/4233>
D	B01F 5/0609	3	{Mixing tubes, e.g. the material being submitted to a substantially radial movement or to a movement partially in reverse direction}	<administrative transfer to B01F 25/43>
D	B01F 5/061	4	{Straight mixing tubes, e.g. with smooth walls, having baffles or obstructions therein without substantial pressure drop; Baffles therefor (for falling-particle mixers B01F 5/246)}	<administrative transfer to B01F 25/431>
D	B01F 5/0611	5	{the baffles being adjustable}	<administrative transfer to B01F 25/4311>
D	B01F 5/0612	5	{having different kinds of baffles, e.g. plates alternating with screens}	<administrative transfer to B01F 25/4312>
D	B01F 5/0613	5	{comprising a plurality of stacked ducts having their axes parallel to the tube axis}	<administrative transfer to B01F 25/4313>
D	B01F 5/0614	5	{the baffles being helical elements}	<administrative transfer to B01F 25/4314>
D	B01F 5/0615	6	{composed of consecutive sections of helical formed elements}	<administrative transfer to B01F 25/43141>

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D	B01F 5/0616	5	{the baffles being made by deforming flat pieces of material, e.g. by bonding, folding, deep drawing (B01F 5/0614 takes precedence)}	<administrative transfer to B01F 25/4315>
D	B01F 5/0617	6	{composed of consecutive sections of deformed flat pieces of material}	<administrative transfer to B01F 25/43151>
D	B01F 5/0618	5	{the baffles being flat pieces of material, e.g. intermeshing, fixed to the wall, fixed on a central rod}	<administrative transfer to B01F 25/4316>
D	B01F 5/0619	6	{composed of consecutive sections of flat pieces of material}	<administrative transfer to B01F 25/43161>
D	B01F 2005/062	5	{characterised by the configuration of the baffles or obstructions}	<administrative transfer to B01F 25/431 INV>
D	B01F 2005/0621	6	{Profiled elements, e.g. profiled blades, bars, pillars, columns or chevrons}	<administrative transfer to B01F 25/4317 INV>
D	B01F 2005/0622	7	{Profiled blades, wings, wedges, i.e. plate-like element having one side or part thicker than the other}	<administrative transfer to B01F 25/43171 INV>
D	B01F 2005/0623	7	{Profiles, pillars, chevrons, i.e. long elements having a polygonal cross-section}	<administrative transfer to B01F 25/43172 INV>
D	B01F 2005/0625	6	{Substantially flat elements, e.g. flat plates or blades}	<administrative transfer to B01F 25/4316 INV>
D	B01F 2005/0626	7	{Assembled flat elements}	<administrative transfer to B01F 25/43162 INV>
D	B01F 2005/0627	7	{in the form of small flat plate-like elements}	<administrative transfer to B01F 25/43163 INV>
D	B01F 2005/0628	7	{Folded or bent blades or strips}	<administrative transfer to B01F 25/4315 INV>
D	B01F 2005/0629	7	{Helically bent blades or strips}	<administrative transfer to B01F 25/4314 INV>
D	B01F 2005/063	7	{Ring-shaped blades or strips}	<administrative transfer to B01F 25/4318 INV>
D	B01F 2005/0631	6	{Tubular elements}	<administrative transfer to B01F 25/4319 INV>
D	B01F 2005/0632	6	{Wires or coils}	<administrative transfer to B01F 25/43195 INV>
D	B01F 2005/0633	7	{Spirally-shaped baffle}	<administrative transfer to B01F 25/431951 INV>
D	B01F 2005/0634	6	{Conical or pyramidal elements}	<administrative transfer to B01F 25/431952 INV>
D	B01F 2005/0635	5	{characterised by the mounting of the baffles or obstructions}	<administrative transfer to B01F 25/43197 INV>
D	B01F 2005/0636	6	{Mounted on the wall}	<administrative transfer to B01F 25/431971 INV>
D	B01F 2005/0637	6	{Mounted on an axial support member, e.g. a rod or bar}	<administrative transfer to B01F 25/431972 INV>
D	B01F 2005/0638	6	{Mounted on a support member extending transversally through the mixing tube}	<administrative transfer to B01F 25/431973 INV>
D	B01F 2005/0639	6	{Support members, e.g. tubular collars, with projecting baffles fitted inside the mixing tube or adjacent to the inner wall}	<administrative transfer to B01F 25/431974 INV>

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D	B01F 5/064	4	{with means for dividing a flow of material into separate subflows and for repositioning and recombining these subflows; Cross-mixing, e.g. conducting the outer layer of the material nearer to the axis of the tube or <u>vice versa</u> (B01F 5/0496 takes precedence; using baffles B01F 5/061, for falling particle mixers B01F 5/246)}	\<administrative transfer to B01F 25/432\>
D	B01F 5/0641	5	{the subflows consisting of at least two flat layers which are recombined, e.g. using means having restriction or expansion zones}	\<administrative transfer to B01F 25/4321\>
D	B01F 5/0642	6	{using a simple by-pass for separating and recombining the flow, e.g. by using branches of different length}	\<administrative transfer to B01F 25/43211\>
D	B01F 5/0643	5	{essentially composed of stacks of sheets, e.g. corrugated sheets}	\<administrative transfer to B01F 25/4322\>
D	B01F 5/0644	5	{using elements provided with a plurality of channels or using a plurality of tubes which can either be placed between common spaces or collectors}	\<administrative transfer to B01F 25/4323\>
D	B01F 5/0645	6	{the channels or tubes crossing each other several times}	\<administrative transfer to B01F 25/43231\>
D	B01F 5/0646	4	{Mixers composed of several consecutive mixing tubes; Mixing tubes being deformed or bent, e.g. having varying cross-section or being provided with inwardly extending profiles, e.g. with internal screw-thread profile (B01F 5/0656 takes precedence)}	\<administrative transfer to B01F 25/433\>
D	B01F 5/0647	5	{Mixers with bended, curved, coiled, wounded mixing tubes or comprising elements for bending the flow}	\<administrative transfer to B01F 25/4331\>
D	B01F 5/0648	5	{Mixers with a strong change of direction in the conduit for homogenizing the flow}	\<administrative transfer to B01F 25/4332\>
D	B01F 5/065	5	{Mixers with scallop-shaped tubes or surfaces facing each other}	\<administrative transfer to B01F 25/4333\>
D	B01F 5/0651	5	{Mixers with a converging cross-section}	\<administrative transfer to B01F 25/4334\>
D	B01F 5/0652	5	{Mixers with a converging-diverging cross-section}	\<administrative transfer to B01F 25/4335\>
D	B01F 5/0653	5	{Mixers with a diverging cross-section}	\<administrative transfer to B01F 25/4336\>
D	B01F 5/0654	5	{Mixers with a diverging-converging cross-section}	\<administrative transfer to B01F 25/4337\>
D	B01F 5/0655	5	{Mixers with a succession of converging-diverging cross-sections, i.e. undulating cross-section}	\<administrative transfer to B01F 25/4338\>
D	B01F 5/0656	4	{Mixing tubes having therein a cylindrical or conical insert provided with grooves, e.g. the tube being provided with inwardly extending profiles or grooves (B01F 5/0665 takes precedence)}	\<administrative transfer to B01F 25/434\>
D	B01F 5/0657	5	{the insert being provided with helical grooves}	\<administrative transfer to B01F 25/4341\>
D	B01F 5/0658	5	{the insert being provided with a labyrinth of grooves or a distribution of protrusions}	\<administrative transfer to B01F 25/4342\>

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D	B01F 5/0659	4	{Mixing tubes composed of concentric tubular members (pressing the components through tubular members provided with orifices B01F 5/0682)}	\<administrative transfer to B01F 25/435>
D	B01F 5/066	2	{with movable slits formed between reciprocating surfaces (with movable slits formed between stator-rotor or two rotor systems B01F 7/0075, B01F 7/0085, B01F 7/1625)}	\<administrative transfer to B01F 25/438>
D	B01F 5/0661	2	{Mixers in which the components are pressed through slits while introducing shear, e.g. the slits being formed by balls and their seats, by the spiros of helical springs (B01F 7/0075 takes precedence)}	\<administrative transfer to B01F 25/44>
D	B01F 5/0662	3	{characterized by the configuration of the surfaces forming the slits}	\<administrative transfer to B01F 25/441>
D	B01F 5/0663	4	{the slits being formed between opposed planar surfaces, e.g. pushed again each other by springs}	\<administrative transfer to B01F 25/4412>
D	B01F 5/0664	5	{with a plurality of parallel slits, e.g. formed between stacked plates}	\<administrative transfer to B01F 25/44121>
D	B01F 5/0665	4	{the slits being formed between opposed conical or cylindrical surfaces}	\<administrative transfer to B01F 25/4413>
D	B01F 5/0666	4	{the slits being formed between the balls and the seats of a bearing-like construction}	\<administrative transfer to B01F 25/4414>
D	B01F 5/0667	4	{the slits being formed between the helical windings of a spring-like construction or by deforming a spring}	\<administrative transfer to B01F 25/4415>
D	B01F 5/0668	4	{the opposed surfaces being provided with grooves}	\<administrative transfer to B01F 25/4416>
D	B01F 5/0669	5	{Axial grooves formed on opposed surfaces, e.g. on cylinders or cones}	\<administrative transfer to B01F 25/44161>
D	B01F 5/067	5	{Circumferential grooves formed on opposed surfaces, e.g. on planar surfaces or on cylinders or cones}	\<administrative transfer to B01F 25/44162>
D	B01F 5/0671	5	{Helical grooves formed on opposed surfaces, e.g. on cylinders or cones}	\<administrative transfer to B01F 25/44163>
D	B01F 5/0672	5	{Crossing sets of grooves forming a labyrinth formed on opposed surfaces, e.g. on planar surfaces or on cylinders or cones}	\<administrative transfer to B01F 25/44164>
D	B01F 5/0673	5	{Radial grooves formed on opposed surfaces, e.g. on planar surfaces}	\<administrative transfer to B01F 25/44165>
D	B01F 5/0675	5	{Spiral grooves formed on opposed surfaces, e.g. on planar surfaces}	\<administrative transfer to B01F 25/44166>
D	B01F 5/0676	5	{the grooves being formed on the outer surface of the cylindrical or conical core of the slits}	\<administrative transfer to B01F 25/44167>
D	B01F 5/0677	5	{the grooves being formed on the inner surface of the cylindrical or conical housing of the slits}	\<administrative transfer to B01F 25/44168>
D	B01F 5/0678	3	{characterized by the relative position of the surfaces during operation}	\<administrative transfer to B01F 25/442>
D	B01F 5/0679	4	{the surfaces being maintained in a fixed position, spaced from each other, therefore maintaining the slit always open}	\<administrative transfer to B01F 25/4421>

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D	B01F 5/068	4	{the surfaces being maintained in a fixed but adjustable position, spaced from each other, therefore allowing the slit spacing to be varied (B01F 5/0681 takes precedence)}	<administrative transfer to B01F 25/4422>
D	B01F 5/0681	4	{the surfaces being part of a valve construction, formed by opposed members in contact, e.g. automatic positioning caused by spring pressure}	<administrative transfer to B01F 25/4423>
D	B01F 5/0682	2	{Mixers in which the components are pressed together through screens, plates provided with orifices, foam-like inserts, or through a bed of loose bodies, e.g. beads (B01F 7/0075 takes precedence)}	<administrative transfer to B01F 25/45>
D	B01F 5/0683	3	{characterised by the means for moving the components or the mixture, e.g. using a piston or having one or more rotor plates, e.g. driven by the components, on the same shaft provided with orifices and co-operating with stator plates provided with orifices}	<administrative transfer to B01F 25/451>
D	B01F 5/0684	4	{with a rotor surrounded by a stator provided with orifices}	<administrative transfer to B01F 25/4511>
D	B01F 5/0685	4	{with reciprocating pistons}	<administrative transfer to B01F 25/4512>
D	B01F 5/0687	3	{characterized by the elements through which the components are pressed together}	<administrative transfer to B01F 25/452>
D	B01F 5/0688	4	{the components being pressed through orifices in elements, e.g. flat plates or cylinders, which obstruct the whole diameter of the tube}	<administrative transfer to B01F 25/4521>
D	B01F 5/0689	5	{the elements being cylinders or cones which obstruct the whole diameter of the tube, the flow changing from axial in radial and again in axial}	<administrative transfer to B01F 25/45211>
D	B01F 5/069	5	{the elements comprising means for adjusting the orifices}	<administrative transfer to B01F 25/45212>
D	B01F 5/0691	4	{the components being pressed through porous bodies, e.g. flat plates, blocks or cylinders, which obstruct the whole diameter of the tube (B01F 5/0698 takes precedence)}	<administrative transfer to B01F 25/4522>
D	B01F 5/0692	5	{the porous bodies being cylinders or cones which obstruct the whole diameter of the tube, the flow changing from axial in radial and again in axial}	<administrative transfer to B01F 25/45221>
D	B01F 5/0693	4	{the components being pressed through sieves, screens or meshes which obstruct the whole diameter of the tube}	<administrative transfer to B01F 25/4523>
D	B01F 5/0694	5	{the sieves, screens or meshes being cylinders or cones which obstruct the whole diameter of the tube, the flow changing from axial in radial and again in axial}	<administrative transfer to B01F 25/45231>
D	B01F 5/0695	4	{the components being pressed through foam-like inserts or through a bed of loose bodies, e.g. balls}	<administrative transfer to B01F 25/4524>
D	B01F 5/0696	5	{through a bed of balls}	<administrative transfer to B01F 25/45241>

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D	B01F 5/0697	5	{through a bed of fibres, steel wool or wood chips}	\<administrative transfer to B01F 25/45242\>
D	B01F 5/0698	5	{through a foam or expanded material body}	\<administrative transfer to B01F 25/45243\>
D	B01F 5/08	2	Homogenising or emulsifying nozzles {(B01F 11/0208 takes precedence; mixing heads without moving stirrer for plastics B29B 7/7457)}	\<administrative transfer to B01F 25/46\>
D	B01F 5/10	1	Circulation mixers {, e.g. at least part of the mixture being discharged from, and reintroduced into, a receptacle, e.g. with rotary stirrer (B01F 5/02 takes precedence)}	\<administrative transfer to B01F 25/50\>
D	B01F 5/102	2	{the mixture being circulated during mixing through a set of tubes, e.g. involving gradually introducing a component into a circulating flow}	\<administrative transfer to B01F 25/51\>
D	B01F 5/104	2	{provided with rotary stirrer}	\<administrative transfer to B01F 25/52\>
D	B01F 5/106	2	{the mixture being discharged from and reintroduced into a receptacle through a recirculation tube into which an additional component is introduced}	\<administrative transfer to B01F 25/53\>
D	B01F 5/108	2	{provided with an internal pump to recirculate the material inside the receptacle}	\<administrative transfer to B01F 25/54\>
D	B01F 5/12	1	Pump mixers {, i.e. the mixing taking place in the pump itself}	\<administrative transfer to B01F 25/60\>
D	B01F 5/14	2	of the gear type	\<administrative transfer to B01F 25/62\>
D	B01F 5/145	3	{using a Wankel pump}	\<administrative transfer to B01F 25/621\>
D	B01F 5/16	2	Turbo-mixers {, i.e. of the centrifugal-pump type}	\<administrative transfer to B01F 25/64\>
D	B01F 5/162	3	{Multi-staged turbo-mixers}	\<administrative transfer to B01F 25/641\>
D	B01F 5/165	3	{consisting of a stator-rotor system with intermeshing teeth or cages}	\<administrative transfer to B01F 25/642\>
D	B01F 5/167	3	{with axial access to the mixing device at both its sides}	\<administrative transfer to B01F 25/643\>
D	B01F 5/18	1	Spray-mixers {; Mixing intersecting sheets of material, e.g. conical liquid sheets (B01F 3/0473, B01F 7/022, B01F 9/025 take precedence)}	\<administrative transfer to B01F 25/70\>
D	B01F 5/20	2	with nozzles {(B01F 3/04049 takes precedence; nozzles per se B05B 1/00)}	\<administrative transfer to B01F 25/72\>
D	B01F 5/205	3	{for spraying a fluid on falling particles or on a liquid curtain}	\<administrative transfer to B01F 25/721\>
D	B01F 5/22	2	with rotary {parts, e.g.} discs {(B01F 3/04035, B01F 7/0075 take precedence)}	\<administrative transfer to B01F 25/74\>
D	B01F 5/221	3	{with a disc or a set of discs mounted on a shaft rotating about a vertical axis, on top of which the material to be thrown outwardly is fed}	\<administrative transfer to B01F 25/741\>

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D	B01F 5/223	4	{with repeated action, i.e. the material thrown outwardly being guided, by means provided on the surrounding casing, on top of the next lower disc}	<administrative transfer to B01F 25/7411>
D	B01F 5/225	3	{for spraying a liquid on falling particles or on a liquid curtain (B01F 5/223 takes precedence)}	<administrative transfer to B01F 25/742>
D	B01F 5/226	3	{the material being fed on both sides of a part rotating about a vertical axis}	<administrative transfer to B01F 25/743>
D	B01F 5/228	3	{the rotating part being composed of at least two cooperating members rotating independently about the same vertical axis}	<administrative transfer to B01F 25/744>
D	B01F 5/24	1	Falling-particle mixers, {e.g.} with repeated action {(spraying fluids on falling particles B01F 5/205, B01F 5/225)}	<administrative transfer to B01F 25/80>
D	B01F 5/241	2	{Particle mixers uniting flows of material taken from different parts of a receptacle or from a set of receptacles (for liquids B01F 3/0869; devices for emptying containers from the top with vertical passage located inside the containers B65G 65/365)}	<administrative transfer to B01F 25/82>
D	B01F 5/242	3	{by means of conduits having inlet openings at different levels}	<administrative transfer to B01F 25/821>
D	B01F 5/243	4	{by means of a central conduit or central set of conduits}	<administrative transfer to B01F 25/8211>
D	B01F 5/244	3	{the receptacle being divided into compartments for receiving or storing the different components}	<administrative transfer to B01F 25/822>
D	B01F 5/245	3	{Flow collectors therefor}	<administrative transfer to B01F 25/823>
D	B01F 5/246	2	{Falling-particle mixers comprising receptacles provided with fixed guiding elements, e.g. baffles, therein; Cross-mixers comprising crossing channels for guiding the falling particles}	<administrative transfer to B01F 25/83>
D	B01F 5/247	2	{Falling-particle mixers comprising superimposed receptacles, the material flowing from one to the other, e.g. of the sandglass type (for liquids B01F 3/0869)}	<administrative transfer to B01F 25/84>
D	B01F 5/248	2	{the particles falling on a film flowing along the inner wall of a mixer}	<administrative transfer to B01F 25/85>
D	B01F 5/26	1	Falling-particle mixers with moving {or vibrating} means, e.g. stirrers, for increasing the mixing {(B01F 5/24 takes precedence)}	<administrative transfer to B01F 25/90>
D	B01F 5/265	2	{using one central conveyor or several separate conveyors, e.g. belt or screw conveyors, vibrating tables, for discharging flows from receptables, e.g. in layers}	<administrative transfer to B01F 25/901>
D	B01F 7/00	0	Mixers with rotary stirring devices in fixed receptacles {, i.e. movement of the receptacle not being meant to effect the mixing (B01F 13/08 takes precedence)}; Kneaders (B01F 13/04 takes precedence {; devices especially adapted for mixing foundry sand B22C 5/04})	<administrative transfer to B01F 27/00>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 7/00008	1	{Stirrers, i.e. rotary stirring devices (B01F 3/04539, B01F 3/04588, B01F 3/0478, B01F 7/028, B01F 11/0091 take precedence)}	\<administrative transfer to B01F 27/05>
D	B01F 7/00016	2	{Nature of the rotating mixing element}	\<administrative transfer to B01F 27/051>
D	B01F 7/00025	3	{Stirrers with replaceable wearing elements; Wearing elements therefor}	\<administrative transfer to B01F 27/052>
D	B01F 7/00033	3	{Characterised by the materials the stirrers are made of}	\<administrative transfer to B01F 27/053>
D	B01F 7/00041	4	{with particular surface characteristics, e.g. coated, rough}	\<administrative transfer to B01F 27/0531>
D	B01F 7/0005	3	{Deformable stirrers (B01F 7/00208 takes precedence)}	\<administrative transfer to B01F 27/054>
D	B01F 7/00058	4	{with mechanical means to alter the position of the stirring elements}	\<administrative transfer to B01F 27/0541>
D	B01F 7/00066	4	{deformable by centrifugal force}	\<administrative transfer to B01F 27/0542>
D	B01F 7/00075	4	{the position of the stirring elements depending on the direction of rotation of the stirrer}	\<administrative transfer to B01F 27/0543>
D	B01F 7/00083	3	{Stirrers made by deforming a plate}	\<administrative transfer to B01F 27/06>
D	B01F 7/00091	2	{Mounting of the stirring elements on the stirrer shaft (B01F 7/00208 takes precedence)}	\<administrative transfer to B01F 27/07>
D	B01F 7/001	3	{Fixing of the stirrer to the shaft}	\<administrative transfer to B01F 27/071>
D	B01F 7/00108	3	{Disposition with respect to the rotating axis}	\<administrative transfer to B01F 27/072>
D	B01F 7/00116	4	{parallel with respect to the rotating axis}	\<administrative transfer to B01F 27/0721>
D	B01F 7/00125	4	{perpendicular with respect to the rotating axis}	\<administrative transfer to B01F 27/0722>
D	B01F 7/00133	4	{oblique with respect to the rotating axis}	\<administrative transfer to B01F 27/0723>
D	B01F 7/00141	4	{directly mounted on the rotating axis}	\<administrative transfer to B01F 27/0724>
D	B01F 7/0015	4	{on the free end of the rotating axis}	\<administrative transfer to B01F 27/0725>
D	B01F 7/00158	4	{having stirring elements connected to the stirrer shaft each by a single radial rod, other than open frameworks}	\<administrative transfer to B01F 27/0726>
D	B01F 7/00166	5	{of the anchor type, i.e. the stirring elements being connected to the rods by one end and extending parallel to the shaft axis}	\<administrative transfer to B01F 27/07261>
D	B01F 7/00175	4	{having stirring elements connected to the stirrer shaft each by two or more radial rods, e.g. the shaft being interrupted between the rods, or of crankshaft type (B01F 7/00566 takes precedence)}	\<administrative transfer to B01F 27/0727>

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D	B01F 7/00183	3	{with stirring elements moving with respect to the stirrer shaft, e.g. floating or comprising contracting chambers}	<administrative transfer to B01F 27/073>
D	B01F 7/00191	3	{having two or more mixing elements being concentrically mounted on the same shaft}	<administrative transfer to B01F 27/074>
D	B01F 7/002	2	{Mounting of the rotating mixing element in respect to the receptacle}	<administrative transfer to B01F 27/09>
D	B01F 7/00208	3	{having elements for co operating with receptacle wall or bottom, e.g. for scraping (B01F 7/165 takes precedence)}	<administrative transfer to B01F 27/091>
D	B01F 7/00216	3	{occupying substantially the whole interior space of the receptacle}	<administrative transfer to B01F 27/092>
D	B01F 7/00225	3	{eccentrically arranged}	<administrative transfer to B01F 27/093>
D	B01F 7/00233	2	{Configuration of the rotating mixing element}	<administrative transfer to B01F 27/11>
D	B01F 7/00241	3	{Centrifugal stirrers, i.e. having a radial outflow or turbine-type, e.g. with means to guide the flow}	<administrative transfer to B01F 27/111>
D	B01F 7/0025	3	{with arms, paddles, vanes or blades}	<administrative transfer to B01F 27/112>
D	B01F 7/00258	4	{pin shaped}	<administrative transfer to B01F 27/1121>
D	B01F 7/00266	4	{anchor shaped}	<administrative transfer to B01F 27/1122>
D	B01F 7/00275	4	{sickle shaped, i.e. curved in at least one direction}	<administrative transfer to B01F 27/1123>
D	B01F 7/00283	4	{rake shaped or grid shaped}	<administrative transfer to B01F 27/1124>
D	B01F 7/00291	4	{having vanes or blades, e.g. provided with orifices, extending parallel or oblique to the stirrer axis (B01F 7/00233 takes precedence)}	<administrative transfer to B01F 27/1125>
D	B01F 7/003	5	{having holes in the surface}	<administrative transfer to B01F 27/11251>
D	B01F 7/00308	5	{paddle wheels}	<administrative transfer to B01F 27/11252>
D	B01F 7/00316	5	{the blades extending oblique to the stirrer axis}	<administrative transfer to B01F 27/11253>
D	B01F 7/00325	4	{the stirrer being a bent rod supported at one end only}	<administrative transfer to B01F 27/1126>
D	B01F 7/00333	4	{spoon-shaped}	<administrative transfer to B01F 27/1127>
D	B01F 7/00341	3	{Propellers, i.e. stirrers having an axial outflow, e.g. of the ship or aircraft propeller type or having means on the propeller to guide the flow}	<administrative transfer to B01F 27/113>
D	B01F 7/0035	4	{having holes in the surface}	<administrative transfer to B01F 27/1131>

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D	B01F 7/00358	4	{with guiding tubes or tubular segments fixed to and surrounding the tips of the propeller blades, e.g. with supplementary mixing elements on the outside of the tubes or the segments}	<administrative transfer to B01F 27/1132>
D	B01F 7/00366	4	{the impeller being of airfoil, aerofoil type}	<administrative transfer to B01F 27/1133>
D	B01F 7/00375	4	{the impeller being of hydrofoil type}	<administrative transfer to B01F 27/1134>
D	B01F 7/00383	4	{the impeller being of Rushton type}	<administrative transfer to B01F 27/1111>
D	B01F 7/00391	3	{Helices, i.e. stirrers comprising a helically shaped band; Stirrers composed of helically shaped band sections}	<administrative transfer to B01F 27/114>
D	B01F 7/004	4	{having holes in the surface}	<administrative transfer to B01F 27/1141>
D	B01F 7/00408	4	{of the corkscrew type composed of a helically shaped band, e.g. flexible spiral springs}	<administrative transfer to B01F 27/1142>
D	B01F 7/00416	4	{screws; Worms; Stirrers composed of screw sections}	<administrative transfer to B01F 27/1143>
D	B01F 7/00425	4	{blade shaped}	<administrative transfer to B01F 27/1144>
D	B01F 7/00433	4	{ribbon shaped, i.e. with an open space between the helical ribbon flight and the rotating axis}	<administrative transfer to B01F 27/1145>
D	B01F 7/00441	5	{forming open frameworks or cages}	<administrative transfer to B01F 27/11451>
D	B01F 7/0045	3	{with discs or disc like elements essentially perpendicular to the stirrer shaft axis, e.g. with stirring elements other than discs fixed thereon or with grooves on the sides of the discs}	<administrative transfer to B01F 27/115>
D	B01F 7/00458	4	{having holes in the surface}	<administrative transfer to B01F 27/1151>
D	B01F 7/00466	4	{with separate elements other than discs fixed on the discs}	<administrative transfer to B01F 27/1152>
D	B01F 7/00475	4	{the discs being made by deforming flat discs}	<administrative transfer to B01F 27/1153>
D	B01F 7/00483	4	{cup shaped, e.g. semi sphere}	<administrative transfer to B01F 27/1154>
D	B01F 7/00491	4	{with interconnected discs, forming open frameworks or cages}	<administrative transfer to B01F 27/1155>
D	B01F 7/005	3	{shaped as cylinders, balls or rollers}	<administrative transfer to B01F 27/116>
D	B01F 7/00508	4	{having holes in the surface}	<administrative transfer to B01F 27/1161>
D	B01F 7/00516	4	{Balls}	<administrative transfer to B01F 27/1162>
D	B01F 7/00525	4	{Rollers}	<administrative transfer to B01F 27/1163>

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D	B01F 7/00533	5	{comprising paddles fixed thereon, e.g. with a total a diameter close to that of the surrounding receptacle}	<administrative transfer to B01F 27/11631>
D	B01F 7/00541	3	{with cones, e.g. funnels}	<administrative transfer to B01F 27/117>
D	B01F 7/0055	4	{having holes in the surface}	<administrative transfer to B01F 27/1171>
D	B01F 7/00558	3	{provided with brushes, sieves, grids, chains or springs (B01F 7/00408 takes precedence)}	<administrative transfer to B01F 27/118>
D	B01F 7/00566	3	{with rigid wires or flexible rods}	<administrative transfer to B01F 27/119>
D	B01F 7/00575	4	{with a bent rod of non helical configuration supported at one end}	<administrative transfer to B01F 27/1191>
D	B01F 7/00583	3	{Openwork frame or cage stirrers not provided for elsewhere}	<administrative transfer to B01F 27/13>
D	B01F 7/00591	3	{provided with tubes for guiding the material}	<administrative transfer to B01F 27/15>
D	B01F 7/006	3	{having additional elements on the stirrer, other than for mixing}	<administrative transfer to B01F 27/17>
D	B01F 7/00608	4	{having elements for disintegrating, e.g. for milling (B01F 7/1625, B01F 7/00358 take precedence)}	<administrative transfer to B01F 27/171>
D	B01F 7/00616	4	{having elements for cutting, e.g. knives}	<administrative transfer to B01F 27/172>
D	B01F 7/00625	3	{Multistage systems, i.e. with a plurality of mixing elements mounted in sequence on the same axis}	<administrative transfer to B01F 27/19>
D	B01F 7/00633	4	{provided with a plurality of similar elements}	<administrative transfer to B01F 27/191>
D	B01F 7/00641	4	{provided with a plurality of dissimilar elements}	<administrative transfer to B01F 27/192>
D	B01F 7/0065	5	{comprising helical elements and paddles}	<administrative transfer to B01F 27/1921>
D	B01F 7/00658	1	{Configuration of the rotating axis}	<administrative transfer to B01F 27/21>
D	B01F 7/00666	2	{Nature of the axis}	<administrative transfer to B01F 27/211>
D	B01F 7/00675	3	{The axis being a flexible shaft}	<administrative transfer to B01F 27/2111>
D	B01F 7/00683	2	{Construction of the axis}	<administrative transfer to B01F 27/212>
D	B01F 7/00691	3	{The axis being composed of interconnected parts}	<administrative transfer to B01F 27/2121>
D	B01F 7/007	3	{The axis being a hollow cylinder, e.g. for feeding a component (B01F 7/024 takes precedence)}	<administrative transfer to B01F 27/2122>
D	B01F 7/00708	3	{The axis comprising stirring means and feeding or discharging means fixed on the same axis}	<administrative transfer to B01F 27/2123>
D	B01F 7/00716	3	{the axis being adjustable in length, e.g. telescopic}	<administrative transfer to B01F 27/2124>
D	B01F 7/00725	2	{Connection of the rotating axis with the drive}	<administrative transfer to B01F 27/213>

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D	B01F 7/00733	1	{Submerged mixers, i.e. with a submerged stirrer and drive unit, e.g. displaceable on a vertical beam (submerged stirring devices for introducing a gas in a liquid B01F 3/04595)}	<administrative transfer to B01F 27/25>
D	B01F 7/00741	2	{Vertical beam constructions therefor}	<administrative transfer to B01F 27/251>
D	B01F 7/0075	1	{the mixer being composed of a stator-rotor system with movable slits between surfaces facing each other, e.g. having intermeshing teeth or cylinders or having orifices (with axial inflow and radial outflow for batch mixing B01F 7/1625; for mixtures of cement with other substances B28C 5/0881; for plastics B29B 7/402)}	<administrative transfer to B01F 27/27>
D	B01F 7/00758	2	{the stator rotor system being formed by substantial flat surfaces}	<administrative transfer to B01F 27/271>
D	B01F 7/00766	3	{provided with intermeshing elements}	<administrative transfer to B01F 27/2711>
D	B01F 7/00775	3	{provided with ribs, ridges or grooves on one surface}	<administrative transfer to B01F 27/2712>
D	B01F 7/00783	3	{the surfaces having a conical shape}	<administrative transfer to B01F 27/2713>
D	B01F 7/00791	3	{the relative position of the stator and the rotor, gap in between or gap with the walls being adjustable}	<administrative transfer to B01F 27/2714>
D	B01F 7/008	2	{the stator rotor system being formed by conical or cylindrical surfaces, e.g. curved surfaces}	<administrative transfer to B01F 27/272>
D	B01F 7/00808	3	{provided with intermeshing elements}	<administrative transfer to B01F 27/2721>
D	B01F 7/00816	3	{provided with ribs, ridges or grooves on one surface}	<administrative transfer to B01F 27/2722>
D	B01F 7/00825	3	{the surfaces having a conical shape}	<administrative transfer to B01F 27/2723>
D	B01F 7/00833	3	{the relative position of the stator and the rotor, gap in between or gap with the walls being adjustable}	<administrative transfer to B01F 27/2724>
D	B01F 7/00841	2	{the mixer being composed of a stator-rotor system being formed by bearing elements, e.g. roller bearings}	<administrative transfer to B01F 27/276>
D	B01F 7/0085	1	{the stirring devices being composed of two independently driven coaxial rotors facing each other, e.g. having intermeshing teeth}	<administrative transfer to B01F 27/40>
D	B01F 7/00858	2	{with rotating surfaces facing each other}	<administrative transfer to B01F 27/41>
D	B01F 7/00866	3	{provided with intermeshing elements}	<administrative transfer to B01F 27/411>
D	B01F 7/00875	3	{provided with ribs, ridges or grooves on one surface}	<administrative transfer to B01F 27/412>
D	B01F 7/00883	2	{with rotating surfaces next to one another, e.g. on parallel axis}	<administrative transfer to B01F 27/42>
D	B01F 7/00891	3	{provided with intermeshing elements}	<administrative transfer to B01F 27/421>

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D	B01F 7/009	3	{provided with ribs, ridges or grooves on one surface}	\<administrative transfer to B01F 27/422\>
D	B01F 7/00908	1	{Pipe mixers, i.e. mixing material flowing continuously through pipes, e.g. column mixers}	\<administrative transfer to B01F 27/50\>
D	B01F 7/00916	1	{the stirrer being driven by the moving material}	\<administrative transfer to B01F 27/55\>
D	B01F 7/00925	1	{characterised by the orientation or disposition of the rotor axis, e.g. a plurality of mixing shafts with different or random orientation}	\<administrative transfer to B01F 27/23\>
D	B01F 7/00933	2	{Variable, e.g. tiltable during the operation}	\<administrative transfer to B01F 27/231\>
D	B01F 7/00941	3	{the orientation of the rotating shaft being adjustable in the interior of the receptacle, e.g. by tilting the stirrer shaft during the mixing}	\<administrative transfer to B01F 27/2311\>
D	B01F 7/0095	3	{the position of the rotating shaft being adjustable in the interior of the receptacle, e.g. to locate the stirrer in different locations during the mixing}	\<administrative transfer to B01F 27/2312\>
D	B01F 7/00958	2	{with a plurality of rotation axis}	\<administrative transfer to B01F 27/232\>
D	B01F 7/00966	3	{having different inclinations, e.g. non parallel}	\<administrative transfer to B01F 27/2321\>
D	B01F 7/00975	3	{parallel}	\<administrative transfer to B01F 27/2322\>
D	B01F 7/00983	3	{perpendicular}	\<administrative transfer to B01F 27/2323\>
D	B01F 7/00991	3	{planetary (B01F 7/14 and B01F 7/30 take precedence)}	\<administrative transfer to B01F 27/2324\>
D	B01F 7/02	1	with stirrers rotating about a horizontal or inclined axis	\<administrative transfer to B01F 27/60\>
D	B01F 7/021	2	{rotating about an inclined axis}	\<administrative transfer to B01F 27/61\>
D	B01F 7/022	2	{comprising liquid feeding, e.g. spraying means (in general B01F 15/0203)}	\<administrative transfer to B01F 27/62\>
D	B01F 7/024	3	{the liquid being fed through the shaft of the stirrer}	\<administrative transfer to B01F 27/621\>
D	B01F 7/025	2	{the receptacle being divided into compartments, e.g. with porous divisions}	\<administrative transfer to B01F 27/625\>
D	B01F 7/027	2	{the receptacles being tiltable, e.g. for emptying (for concrete B28C 5/141, B28C 5/161)}	\<administrative transfer to B01F 27/627\>
D	B01F 7/028	2	{provided with buckets}	\<administrative transfer to B01F 27/65\>
D	B01F 7/04	2	with paddles, {blades} or arms	\<administrative transfer to B01F 27/70\>
D	B01F 7/041	3	{comprising two or more shafts, e.g. in consecutive mixing chambers (B01F 7/025 takes precedence)}	\<administrative transfer to B01F 27/701\>
D	B01F 7/042	4	{with intermeshing paddles}	\<administrative transfer to B01F 27/702\>

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D	B01F 7/043	4	{with stirrers rotating at different speeds, or rotating in opposite directions about the same axis, e.g. with a first stirrer surrounded by a tube inside a second stirrer (B01F 7/045 takes precedence)}	<administrative transfer to B01F 27/703>
D	B01F 7/045	4	{with stirrers facing each other, i.e. being supported by opposite walls of the receptacle}	<administrative transfer to B01F 27/704>
D	B01F 7/046	4	{characterised by the shape of the stirrer, i.e. of Z- or S-shape}	<administrative transfer to B01F 27/708>
D	B01F 7/047	4	{with all the shafts in the same receptacle (B01F 7/042, B01F 7/043, B01F 7/045, B01F 7/046 take precedence)}	<administrative transfer to B01F 27/706>
D	B01F 7/048	3	{the paddles co-operating, e.g. intermeshing, with elements on the receptacle wall}	<administrative transfer to B01F 27/707>
D	B01F 7/06	2	with propellers	<administrative transfer to B01F 27/71>
D	B01F 7/063	3	{co-operating with stationary guiding means, e.g. baffles}	<administrative transfer to B01F 27/711>
D	B01F 7/066	4	{the guiding means being tubes surrounding the propellers}	<administrative transfer to B01F 27/7111>
D	B01F 7/08	2	with helices {or sections of helices (with a housing closely surrounding the helices, i.e. extruders, B29C 48/395)}	<administrative transfer to B01F 27/72>
D	B01F 7/081	3	{with at least two helices in the same receptacle}	<administrative transfer to B01F 27/721>
D	B01F 7/082	4	{the helices being closely surrounded by a casing (for mixing or kneading plastics B29B 7/48)}	<administrative transfer to B01F 27/722>
D	B01F 7/083	5	{the stirrers being composed of helices and paddles on the same shaft, e.g. helically arranged ovally shaped paddles}	<administrative transfer to B01F 27/7221>
D	B01F 7/085	4	{the helices intermeshing to knead the mixture}	<administrative transfer to B01F 27/723>
D	B01F 7/086	3	{having a single helice closely surrounded by a casing (for mixing or kneading plastics B29B 7/42)}	<administrative transfer to B01F 27/724>
D	B01F 7/087	3	{with two or more helices in respective separate casings, e.g. one casing inside the other}	<administrative transfer to B01F 27/725>
D	B01F 7/088	3	{the stirrers being composed of two helices with opposite pitch on the same shaft; the stirrers being composed of two helices on the same axis, driven in opposite directions or at different speeds}	<administrative transfer to B01F 27/726>
D	B01F 7/10	2	with rotary discs {, e.g. provided with orifices; or the receptacle being divided into compartments (pressing the components through orifices on rotating elements B01F 5/0682; pressing the components axially through a rotor-stator system, at least the stator being a perforated plate B01F 5/0683)}	<administrative transfer to B01F 27/73>

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D	B01F 7/105	3	{with two or more parallel shafts provided with perpendicularly mounted discs, e.g. lens shaped, one against the other on each shaft and in circumferential contact with the discs on the other shafts, e.g. for cleaning}	<administrative transfer to B01F 27/731>
D	B01F 7/12	2	with {rotary} cylinders {, e.g. having special profile cross-section (B01F 7/145 takes precedence)}	<administrative transfer to B01F 27/74>
D	B01F 7/14	2	with stirrers having planetary motion {, i.e. rotating about their own axis and about a horizontal sun axis}	<administrative transfer to B01F 27/75>
D	B01F 7/145	3	{the stirrers being cylinders, balls or gears}	<administrative transfer to B01F 27/755>
D	B01F 7/16	1	with stirrers rotating about a substantially vertical axis	<administrative transfer to B01F 27/80>
D	B01F 7/1605	2	{with relative displacement, e.g. vertical, between stirrer and receptacle for bringing them into operative position, e.g. with an independent receptacle or with means to close the receptacle; Fixing elements for the receptacle}	<administrative transfer to B01F 27/805>
D	B01F 7/161	3	{with vertical displacement of the stirrer, e.g. with additional means for axially displacing or for pivoting the stirrer about a vertical axis in order to co-operate with several receptacles}	<administrative transfer to B01F 27/806>
D	B01F 7/1615	3	{with the stirrer-head pivoting about a horizontal axis to bring the stirrer in and out of operative position, e.g. with a receptacle pivoting about a horizontal axis for emptying}	<administrative transfer to B01F 27/807>
D	B01F 7/162	2	{the stirrers being driven from the bottom of the receptacle}	<administrative transfer to B01F 27/808>
D	B01F 7/1625	2	{the stirrers having a central axial inflow and a substantially radial outflow, e.g. centrifugal rotors with several rotors rotating in opposite direction}	<administrative transfer to B01F 27/81>
D	B01F 7/163	3	{with the inflow from one side only, e.g. stirrers placed on the bottom of the receptacle, or used as a bottom discharge pump}	<administrative transfer to B01F 27/811>
D	B01F 7/1635	4	{the stirrers co-operating with stationary guiding elements, e.g. surrounding stators or intermeshing stators (B01F 7/164 takes precedence)}	<administrative transfer to B01F 27/8111>
D	B01F 7/164	3	{the stirrers co-operating with surrounding stators, or with intermeshing stators, e.g. comprising slits, orifices or screens}	<administrative transfer to B01F 27/812>
D	B01F 7/1645	3	{the stirrers co-operating with stationary guiding elements (B01F 7/164 takes precedence)}	<administrative transfer to B01F 27/813>
D	B01F 7/165	2	{Pan-type mixers, i.e. mixers in which the stirring elements move along the bottom of a pan-shaped receptacle (with stirring elements moving along the wall or bottom of the receptable for scraping in general B01F 7/00208)}	<administrative transfer to B01F 27/82>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 7/1655	2	{the stirrers being additionally moved radially, or oscillating about an axis perpendicular to the stirrer axis (B01F 7/30 takes precedence)}	<administrative transfer to B01F 27/83>
D	B01F 7/166	2	{with stirrers rotating at different speeds or in opposite direction about the same axis}	<administrative transfer to B01F 27/84>
D	B01F 7/1665	2	{having two or more stirrers on separate shafts, e.g. the shape of the receptacle matching with the periphery of the rotating stirrers (B01F 7/166 takes precedence)}	<administrative transfer to B01F 27/85>
D	B01F 7/167	3	{the receptacle being subdivided in adjacent compartments}	<administrative transfer to B01F 27/851>
D	B01F 7/1675	2	{co-operating with deflectors or baffles fixed to the receptacle (B01F 7/1635, B01F 7/1645 take precedence)}	<administrative transfer to B01F 27/86>
D	B01F 7/168	3	{the baffles being of cylindrical shape, e.g. a mixing chamber surrounding the stirrer, the baffle being displaced axially to form an interior mixing chamber}	<administrative transfer to B01F 27/861>
D	B01F 7/1685	3	{the baffles being adjustable or movable (B01F 7/168 takes precedence)}	<administrative transfer to B01F 27/862>
D	B01F 7/169	2	{the receptacle being divided into superimposed compartments}	<administrative transfer to B01F 27/87>
D	B01F 7/1695	2	{with an independent receptacle-stirrer unit, the stirrer being adapted to be coupled to a drive mechanism}	<administrative transfer to B01F 27/88>
D	B01F 7/18	2	with paddles or arms {(B01F 7/162, B01F 7/165 take precedence)}	<administrative transfer to B01F 27/90>
D	B01F 7/183	3	{the paddles co-operating, e.g. intermeshing, with elements fixed on the receptacle walls}	<administrative transfer to B01F 27/902>
D	B01F 7/186	4	{the elements being vertically arranged, e.g. fixed on the bottom}	<administrative transfer to B01F 27/9021>
D	B01F 7/20	3	with fixed axis	<administrative transfer to B01F 27/906>
D	B01F 7/22	2	with propellers {(B01F 7/162 takes precedence)}	<administrative transfer to B01F 27/91>
D	B01F 7/225	3	{forcing the material through orifices or slits, e.g. in a stationary part}	<administrative transfer to B01F 27/911>
D	B01F 7/24	2	with helices {or screws (B01F 7/30 takes precedence)}	<administrative transfer to B01F 27/92>
D	B01F 7/241	3	{with at least two helices, e.g. intermeshing helices}	<administrative transfer to B01F 27/922>
D	B01F 7/242	3	{the helices being mounted centrally in the receptacle for mixing in batches (B01F 7/241 takes precedence)}	<administrative transfer to B01F 27/921>
D	B01F 7/243	4	{the helices being surrounded by a guiding tube}	<administrative transfer to B01F 27/9211>
D	B01F 7/244	5	{combined with means for uniting flows of material taken from different parts of the receptacle}	<administrative transfer to B01F 27/92112>
D	B01F 7/245	4	{with conical helices}	<administrative transfer to B01F 27/9212>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 7/246	4	{the helices having a diameter only slightly less than the diameter of the receptacle (B01F 7/245 takes precedence)}	<administrative transfer to B01F 27/9213>
D	B01F 7/247	4	{with additional mixing elements other than helices; having inner and outer helices; with helices surrounding a guiding tube}	<administrative transfer to B01F 27/9214>
D	B01F 7/248	3	{the material flowing continuously through the receptacle}	<administrative transfer to B01F 27/923>
D	B01F 7/26	2	with rotary discs {, e.g. provided with orifices, or co-operating with loose mixing particles, provided with feeding or discharging means or provided with sieves for continuously mixing (pressing the components through orifices on rotating elements B01F 5/0682; pressing the components axially through a rotor-stator system, at least the stator being a perforated plate B01F 5/0683)}	<administrative transfer to B01F 27/93>
D	B01F 7/28	2	with {rotary} cylinders {, e.g. having special profile cross-section}	<administrative transfer to B01F 27/94>
D	B01F 7/285	3	{with hollow cylinders or cones, e.g. perforated or having special stirring elements thereon}	<administrative transfer to B01F 27/941>
D	B01F 7/30	2	with stirrers having planetary motion {, i.e. rotating about their own axis and about a vertical sun axis}	<administrative transfer to B01F 27/95>
D	B01F 7/302	3	{using only helical stirrers}	<administrative transfer to B01F 27/953>
D	B01F 7/305	3	{with at least one stirrer mounted on the sun axis}	<administrative transfer to B01F 27/951>
D	B01F 7/307	3	{the stirrers being cylinders with their circumference in contact with the bottom of the receptacle and rotating about an axis at an angle to the sun axis, e.g. mixers of the Muller type}	<administrative transfer to B01F 27/952>
D	B01F 7/32	2	with openwork frames or cages	<administrative transfer to B01F 27/96>
D	B01F 9/00	0	Mixers with rotating receptacles, {i.e. the rotary motion is imparted to effect the mixing}({B01F 11/0002,} B01F 13/04 take precedence); {Mixing the contents of packages or like independent containers by rotating them}	<administrative transfer to B01F 29/00>
D	B01F 9/0001	1	{the receptacles being submitted to rotation about two different axes, e.g. receptables having planetary motion}	<administrative transfer to B01F 29/10>
D	B01F 9/0003	1	{Use of centrifuges for mixing}	<administrative transfer to B01F 29/15>
D	B01F 9/0005	1	{the receptacles rotating about an axis at an angle to their longitudinal axis}	<administrative transfer to B01F 29/20>
D	B01F 9/0007	1	{the material flowing continuously through the receptacles from feed to discharge, e.g. the feed and discharge being at the same end}	<administrative transfer to B01F 29/25>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 9/0009	2	{with at least one screw inside the receptacle for feeding or discharging, e.g. the axis of screw and receptacle being parallel}	<administrative transfer to B01F 29/251>
D	B01F 9/001	2	{the feed and discharge openings being at opposite ends of the receptacle}	<administrative transfer to B01F 29/252>
D	B01F 9/0012	2	{the feed and discharge openings being at the same side of the receptacle}	<administrative transfer to B01F 29/253>
D	B01F 9/0014	1	{Mixing the contents of packages or like independent containers, e.g. tins, bottles, by rotating them}	<administrative transfer to B01F 29/30>
D	B01F 9/0016	2	{the containers being supported by driving means, e.g. by rotating rollers}	<administrative transfer to B01F 29/31>
D	B01F 9/0018	2	{the containers being modified for coupling to rotating frames or the like; Containers therefor; Coupling means therefor}	<administrative transfer to B01F 29/32>
D	B01F 9/002	3	{for test-tubes or like small containers, e.g. containing blood samples}	<administrative transfer to B01F 29/321>
D	B01F 9/0021	3	{Several containers being held in a support for simultaneous mixing, optionally with feeding and discharging means, e.g. for bottles in crates}	<administrative transfer to B01F 29/322>
D	B01F 9/0023	2	{Imparting a composite movement to a plurality of bottles}	<administrative transfer to B01F 29/33>
D	B01F 9/0025	3	{by means of a rotary table provided with a plurality of bottle grippers at its periphery, an additional movement being imparted to the grippers}	<administrative transfer to B01F 29/331>
D	B01F 9/0027	3	{the bottles being submitted to a screw-motion about an axis perpendicular to the axis of the bottles and lying intermediate the ends of the bottles}	<administrative transfer to B01F 29/332>
D	B01F 9/0029	3	{essentially by rotating bottles about an axis perpendicular to the bottle axis and lying outside the bottles, using a rotating drum provided with pockets for the bottles at its periphery}	<administrative transfer to B01F 29/333>
D	B01F 9/003	2	{Construction details of the holders for the independent packages or receptacles}	<administrative transfer to B01F 29/34>
D	B01F 9/0032	1	{Parts or components, e.g. receptacles, feeding or discharging means (B01F 9/0009 takes precedence)}	<administrative transfer to B01F 29/40>
D	B01F 9/0034	2	{Receptacles, e.g. provided with liners}	<administrative transfer to B01F 29/401>
D	B01F 9/0036	3	{characterised by the shape or cross-section of the receptacle, e.g. of Y -, Z -, S -, or X shape}	<administrative transfer to B01F 29/4011>
D	B01F 9/0038	4	{Non-cylindrical sections, e.g. elliptical, irregular}	<administrative transfer to B01F 29/40111>
D	B01F 9/004	4	{Polygonal sections, e.g. triangular, square}	<administrative transfer to B01F 29/40112>
D	B01F 9/0041	4	{Conical, double-conical, diabolo shapes}	<administrative transfer to B01F 29/40113>
D	B01F 9/0043	4	{Cubic, cubical, polyhedronical shapes}	<administrative transfer to B01F 29/40114>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 9/0045	4	{S shapes}	<administrative transfer to B01F 29/40115>
D	B01F 9/0047	4	{Spherical shapes}	<administrative transfer to B01F 29/40116>
D	B01F 9/0049	4	{Toroidal shapes}	<administrative transfer to B01F 29/40117>
D	B01F 9/005	4	{V or W shapes}	<administrative transfer to B01F 29/40118>
D	B01F 9/0052	4	{X shapes}	<administrative transfer to B01F 29/40119>
D	B01F 9/0054	4	{Y or double Y shapes}	<administrative transfer to B01F 29/401195>
D	B01F 2009/0056	1	{Constructional aspects of the rotating receptacles}	<administrative transfer to B01F 29/401 INV>
D	B01F 2009/0058	2	{Disposition of the rotor axis}	<administrative transfer to B01F 29/403 INV>
D	B01F 2009/0059	3	{horizontal}	<administrative transfer to B01F 29/4031 INV>
D	B01F 2009/0061	3	{vertical}	<administrative transfer to B01F 29/4032 INV>
D	B01F 2009/0063	3	{inclined}	<administrative transfer to B01F 29/4033 INV>
D	B01F 2009/0065	3	{variable, e.g. tiltable during the operation}	<administrative transfer to B01F 29/4034 INV>
D	B01F 2009/0067	3	{with a receptacle rotating around two or more axes}	<administrative transfer to B01F 29/4035 INV>
D	B01F 2009/0069	4	{having different, non-perpendicular inclinations, e.g. skew axes}	<administrative transfer to B01F 29/40351 INV>
D	B01F 2009/007	4	{being parallel axes}	<administrative transfer to B01F 29/40352 INV>
D	B01F 2009/0072	4	{being perpendicular axes}	<administrative transfer to B01F 29/40353 INV>
D	B01F 2009/0074	4	{arranged for planetary motion}	<administrative transfer to B01F 29/40354 INV>
D	B01F 2009/0076	3	{with a plurality of rotating receptacles}	<administrative transfer to B01F 29/4036 INV>
D	B01F 2009/0078	4	{having axes of different, non-perpendicular inclinations}	<administrative transfer to B01F 29/40361 INV>
D	B01F 2009/0079	4	{having parallel axes}	<administrative transfer to B01F 29/40362 INV>
D	B01F 2009/0081	4	{having perpendicular axes}	<administrative transfer to B01F 29/40363 INV>
D	B01F 2009/0083	4	{being concentrically arranged}	<administrative transfer to B01F 29/40364 INV>
D	B01F 2009/0085	4	{arranged for planetary motion}	<administrative transfer to B01F 29/40365 INV >
D	B01F 2009/0087	2	{Disposition or configuration of the receptacles}	<administrative transfer to B01F 29/402 INV>

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D	B01F 2009/0089	3	{Multi-compartment receptacles}	<administrative transfer to B01F 29/4021 INV>
D	B01F 2009/009	3	{Configuration of the interior}	<administrative transfer to B01F 29/4022 INV>
D	B01F 2009/0092	4	{provided with baffles, plates or bars on the wall or the bottom}	<administrative transfer to B01F 29/40221 INV>
D	B01F 2009/0094	4	{provided with guide tubes on the wall or the bottom}	<administrative transfer to B01F 29/40222 INV>
D	B01F 2009/0096	3	{Nature of the receptacle}	<administrative transfer to B01F 29/4023 INV>
D	B01F 2009/0098	4	{Surface characteristics, e.g. coated, rough}	<administrative transfer to B01F 29/40231 INV>
D	B01F 9/02	1	rotating about a horizontal or inclined axis, e.g. drum mixers	<administrative transfer to B01F 29/60>
D	B01F 9/025	2	{comprising liquid spraying devices}	<administrative transfer to B01F 29/61>
D	B01F 9/04	2	without bars {, i.e. without mixing elements; Characterised by the shape or cross-section of the receptacle, e.g. of Y, Z, S or X shape; Cylindrical receptacles rotating about an axis at an angle to their longitudinal axis}	<administrative transfer to B01F 29/62>
D	B01F 9/06	2	with fixed bars {, i.e. stationary, or fixed on the receptacle}	<administrative transfer to B01F 29/63>
D	B01F 9/08	2	with {moving, e.g.} rotating stirring devices {, i.e. moving with respect to the receptacle}	<administrative transfer to B01F 29/64>
D	B01F 9/10	1	rotating about a {substantially} vertical axis	<administrative transfer to B01F 29/80>
D	B01F 9/103	2	{co-operating with stationary mixing elements (B01F 9/106 takes precedence)}	<administrative transfer to B01F 29/81>
D	B01F 9/106	2	{the receptacle comprising a rotary part, e.g. the bottom, and a stationary part, e.g. the wall, with optional use of a stirrer; the receptacle comprising parts moving in opposite directions}	<administrative transfer to B01F 29/82>
D	B01F 9/12	2	with {rotary} paddles or arms {, e.g. movable out of the receptacle (dough mixers or kneaders with stirrers rotating about an inclined axis A21C 1/04)}	<administrative transfer to B01F 29/83>
D	B01F 9/125	3	{Pan-type mixers, i.e. having stirrers moving along the bottom of a pan-shaped receptacle}	<administrative transfer to B01F 29/835>
D	B01F 9/14	2	with propellers	<administrative transfer to B01F 29/84>
D	B01F 9/16	2	with helices {, e.g. rotating about an inclined axis}	<administrative transfer to B01F 29/85>
D	B01F 9/18	2	with rotary discs	<administrative transfer to B01F 29/86>
D	B01F 9/20	2	with {rotary} cylinders	<administrative transfer to B01F 29/87>
D	B01F 9/22	1	with stirrers having planetary motion {(receptacles having planetary motion B01F 9/0001)}	<administrative transfer to B01F 29/90>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 11/00	0	Mixers with shaking, oscillating, or vibrating mechanisms (B01F 13/04 takes precedence)	<administrative transfer to B01F 31/00>
D	B01F 11/0002	1	{with a mixing receptacle rotating alternately in opposite directions, or rotating about an axis which intersects the receptacle axis at an angle}	<administrative transfer to B01F 31/10>
D	B01F 11/0005	1	{Mixing the contents of independent containers, e.g. test-tubes, by shaking or oscillating them}	<administrative transfer to B01F 31/20>
D	B01F 11/0008	2	{Holders therefor}	<administrative transfer to B01F 31/201>
D	B01F 11/0011	2	{for beverage bottles, e.g. within crates or with feeding means for the bottles}	<administrative transfer to B01F 31/202>
D	B01F 11/0014	2	{with supporting means moving in a horizontal plane, e.g. describing an orbital path for moving the containers about an axis which interserts the receptacle axis at an angle (B01F 11/0017, B01F 11/0022, B01F 11/0031, B01F 11/0034 take precedence)}	<administrative transfer to B01F 31/22>
D	B01F 11/0017	2	{by pivoting the containers about an axis (B01F 11/0025, B01F 11/0031, B01F 11/0034 take precedence)}	<administrative transfer to B01F 31/23>
D	B01F 11/002	3	{the containers being of the sandglass-type or being linked with their openings}	<administrative transfer to B01F 31/231>
D	B01F 11/0022	2	{the containers being submitted to a rectilinear movement (B01F 11/0025, B01F 11/0031, B01F 11/0034 take precedence)}	<administrative transfer to B01F 31/24>
D	B01F 11/0025	2	{the containers being submitted to a composite movement not in a horizontal plane, e.g. rectilinear and pivoting}	<administrative transfer to B01F 31/25>
D	B01F 11/0028	2	{the containers being submitted to a wobbling movement}	<administrative transfer to B01F 31/26>
D	B01F 11/0031	2	{the vibrations being caused by an unbalanced rotating member}	<administrative transfer to B01F 31/265>
D	B01F 11/0034	2	{the vibrations being caused by electromagnets}	<administrative transfer to B01F 31/27>
D	B01F 11/0037	2	{with means for transporting test tubes to and from the stirring device}	<administrative transfer to B01F 31/275>
D	B01F 11/004	2	{the vibrations being caused by piezoelectric elements}	<administrative transfer to B01F 31/28>
D	B01F 11/0042	1	{Comprising a receptacle to only a part of which the movement is imparted; Periodically deforming flexible tubular members through which the material is flowing}	<administrative transfer to B01F 31/29>
D	B01F 11/0045	2	{comprising a receptacle with a deformable part, e.g. a membrane, to which a motion is imparted}	<administrative transfer to B01F 31/31>
D	B01F 11/0048	3	{the motion being a linear movement to one part of the receptacle}	<administrative transfer to B01F 31/311>
D	B01F 11/0051	3	{the motion being a transversal movement to one part of the receptacle, e.g. by moving alternatively up and down the opposite edges of a closing lid to cause a pumping action}	<administrative transfer to B01F 31/312>

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D	B01F 11/0054	1	{having a rotary stirrer oscillating axially (having rotary stirrers with additional radial movement, or oscillating about an axis perpendicular to the stirrer axis, B01F 7/1655)}	<administrative transfer to B01F 31/40>
D	B01F 11/0057	2	{for material flowing continuously axially therethrough}	<administrative transfer to B01F 31/401>
D	B01F 11/006	1	{having an annular trough vibrating about its central axis}	<administrative transfer to B01F 31/46>
D	B01F 11/0062	1	{having a receptacle submitted to a composite movement, i.e. at least one movement being vibratory or oscillatory}	<administrative transfer to B01F 31/50>
D	B01F 11/0065	1	{the material being contained in a flexible bag submitted to periodical deformation}	<administrative transfer to B01F 31/55>
D	B01F 11/0068	1	{having a vibrating receptacle provided with stirring elements, e.g. independent stirring elements}	<administrative transfer to B01F 31/56>
D	B01F 11/0071	1	{the material being directly submitted to a pulsating movement, e.g. by means of an oscillating piston or air column (solvent extraction of liquid solution comprising vibrating mechanisms B01D 11/0438; stationary reactors of pulsating type B01J 19/185)}	<administrative transfer to B01F 31/65>
D	B01F 11/0074	2	{Mixing by successively aspirating a part of the mixture in a conduit, e.g. a piston, and reinjecting it through the same conduit into the receptacle}	<administrative transfer to B01F 31/651>
D	B01F 11/0077	1	{for material continuously moving therethrough (B01F 11/0042, B01F 11/0057, B01F 11/006, B01F 11/0241 take precedence)}	<administrative transfer to B01F 31/57>
D	B01F 11/008	1	{the stirrers performing an oscillatory, vibratory or shaking movement (B01F 11/0054, B01F 11/04 take precedence)}	<administrative transfer to B01F 31/44>
D	B01F 11/0082	2	{performing a rectilinear reciprocating movement}	<administrative transfer to B01F 31/441>
D	B01F 11/0085	2	{performing a superposed additional movement other than oscillation, vibration or shaking}	<administrative transfer to B01F 31/443>
D	B01F 11/0088	2	{performing an oscillatory movement about an axis}	<administrative transfer to B01F 31/445>
D	B01F 11/0091	2	{Stirrers constructions}	<administrative transfer to B01F 31/449>
D	B01F 11/0094	1	{having a vibrating receptacle (B01F 11/0002, B01F 11/0005, B01F 11/006, B01F 11/0062, B01F 11/0068 take precedence)}	<administrative transfer to B01F 31/60>
D	B01F 11/0097	1	{Drives therefor, e.g. crank mechanisms (B01F 11/0005 takes precedence)}	<administrative transfer to B01F 31/70>
D	B01F 11/02	1	Mixing by means of {high-frequency, e.g.} ultrasonic vibrations {, e.g. jets impinging against a vibrating plate}	<administrative transfer to B01F 31/80>
D	B01F 11/0208	2	{the vibrations being generated inside a mixing device without external drive, e.g. by a flow of material causing a knife to vibrate or using nozzles}	<administrative transfer to B01F 31/81>

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D	B01F 11/0216	2	{the material being forced through a narrow vibrating slit}	<administrative transfer to B01F 31/82>
D	B01F 11/0225	2	{comprising a supplementary stirring element}	<administrative transfer to B01F 31/83>
D	B01F 11/0233	3	{the vibrations being generated by the rotation of the stirring element}	<administrative transfer to B01F 31/831>
D	B01F 11/0241	2	{for material continuously moving through a tube, e.g. by deforming the tube (B01F 11/0208 takes precedence)}	<administrative transfer to B01F 31/84>
D	B01F 11/025	3	{with a vibrating element inside the tube}	<administrative transfer to B01F 31/841>
D	B01F 11/0258	2	{using a vibrating element inside a receptacle}	<administrative transfer to B01F 31/85>
D	B01F 11/0266	2	{with vibrating the receptacle or part of it}	<administrative transfer to B01F 31/86>
D	B01F 11/0275	3	{caused by hitting or striking the receptacle}	<administrative transfer to B01F 31/861>
D	B01F 11/0283	2	{transmitting the vibratory energy by means of a fluid, e.g. by means of air shock waves}	<administrative transfer to B01F 31/87>
D	B01F 11/0291	2	{Methodical aspects; Controlling}	<administrative transfer to B01F 31/89>
D	B01F 11/04	1	with pendulum stirrers {, i.e. with stirrers suspended so as to oscillate about fixed points or axes (stirrers per se B01F 11/0091)}	<administrative transfer to B01F 31/42>
D	B01F 13/00	0	Other mixers; Mixing plant, including combinations of {mixers, e.g. of} dissimilar mixers	<administrative transfer to B01F 33/00>
D	B01F 13/0001	1	{Mixers using electrical energy, other than for driving a motor (B01F 3/0407, B01F 3/04978, B01F 3/0815, B01F 3/1235 take precedence)}	<administrative transfer to B01F 33/05>
D	B01F 13/0003	2	{the energy being electrical energy working on the ingredients or compositions for mixing them}	<administrative transfer to B01F 33/051>
D	B01F 13/0005	2	{the energy being electric fields for electrostatically charging of the ingredients or compositions for mixing them}	<administrative transfer to B01F 33/052>
D	B01F 13/0006	2	{the energy being magnetic or electromagnetic energy, radiation working on the ingredients or compositions for or during mixing them}	<administrative transfer to B01F 33/053>
D	B01F 13/0008	2	{the energy being in the form of a laser to modify the characteristics or conditions of the products, e.g. for heating}	<administrative transfer to B01F 33/054>
D	B01F 13/001	2	{the energy being particle radiation working on the ingredients or compositions for or during mixing them}	<administrative transfer to B01F 33/055>
D	B01F 13/0011	1	{Mixers in which the mixing of the components is achieved by natural or induced convection}	<administrative transfer to B01F 33/12>
D	B01F 13/0013	1	{Mixers with an endless belt for transport of the material, e.g. in layers or with mixing means above or at the end of the belt}	<administrative transfer to B01F 33/26>

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D	B01F 13/0015	1	{Mixers having moving endless chains or belts, e.g. provided with paddles, as mixing elements}	<administrative transfer to B01F 33/27>
D	B01F 13/0016	1	{Movable or transportable mixing devices or plants}	<administrative transfer to B01F 33/50>
D	B01F 13/0018	2	{Movable mixing devices, i.e. apt to be shifted or displaced from one place to another, e.g. by human force}	<administrative transfer to B01F 33/501>
D	B01F 13/002	3	{portable during use, e.g. hand-held (B05C 17/00553 takes precedence, whisks comprising mixing wires A47J 43/1087)}	<administrative transfer to B01F 33/5011>
D	B01F 13/0022	4	{Small portable bottles, flasks, vials, e.g. with means for mixing ingredients or for homogenizing their content, e.g. by hand shaking}	<administrative transfer to B01F 33/50111>
D	B01F 13/0023	4	{Of the syringe, cartridge type}	<administrative transfer to B01F 33/50112>
D	B01F 13/0025	4	{Of the pipette type}	<administrative transfer to B01F 33/50113>
D	B01F 13/0027	4	{Of the hand-held gun type}	<administrative transfer to B01F 33/50114>
D	B01F 13/0028	4	{Stirring devices adapted to be connected to a standard boring machine or other kind of domestic tool}	<administrative transfer to B01F 33/50115>
D	B01F 13/003	3	{adapted to be mounted during use on a standard, base or support}	<administrative transfer to B01F 33/5012>
D	B01F 13/0032	3	{movable by mechanical means, e.g. hoisting systems, grippers, lift trucks}	<administrative transfer to B01F 33/5013>
D	B01F 13/0033	3	{movable by human force, e.g. kitchen or table devices}	<administrative transfer to B01F 33/5014>
D	B01F 13/0035	2	{vehicle mounted (mixing devices for cement mounted on vehicles with provisions for mixing during transport B28C 5/42)}	<administrative transfer to B01F 33/502>
D	B01F 13/0037	3	{the vehicle being self-propelled, e.g. truck mounted, provided with a motor, driven by tracks (B01F 13/0038 - B01F 13/0047 take precedence)}	<administrative transfer to B01F 33/5021>
D	B01F 13/0038	3	{the vehicle being a carriage moving or driving along fixed or movable beams or bridges}	<administrative transfer to B01F 33/5022>
D	B01F 13/004	3	{the vehicle being a trailer which is hand moved or coupled to self propelling vehicles}	<administrative transfer to B01F 33/5023>
D	B01F 13/0042	3	{the vehicle being moved by human force}	<administrative transfer to B01F 33/5024>
D	B01F 13/0044	3	{using rails for guiding the mixing installation during moving or displacing}	<administrative transfer to B01F 33/5025>
D	B01F 13/0045	3	{using sledges or skids for moving or displacing the mixing installation}	<administrative transfer to B01F33/5026>
D	B01F 13/0047	3	{using driven tracks, caterpillars, crawler for moving or displacing the mixing installation}	<administrative transfer to B01F 33/5027>
D	B01F 13/0049	2	{Floating}	<administrative transfer to B01F 33/503>

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D	B01F 13/005	1	{Mixers with loose mixing elements, e.g. balls, in a receptacle}	<administrative transfer to B01F 33/25>
D	B01F 13/0052	2	{using balls as loose mixing element}	<administrative transfer to B01F 33/251>
D	B01F 13/0054	2	{using bubbles as loose mixing element}	<administrative transfer to B01F 33/252>
D	B01F 13/0055	2	{using sliders or cylindrical elements as loose mixing element}	<administrative transfer to B01F 33/253>
D	B01F 13/0057	2	{using springs as loose mixing element}	<administrative transfer to B01F 33/254>
D	B01F 13/0059	1	{Micromixers}	<administrative transfer to B01F 33/30>
D	B01F 13/0061	2	{using specific means for arranging the streams to be mixed}	<administrative transfer to B01F 33/301>
D	B01F 13/0062	3	{Hydrodynamic focussing}	<administrative transfer to B01F 33/3011>
D	B01F 13/0064	3	{Mixing chamber}	<administrative transfer to B01F 33/3017>
D	B01F 13/0066	3	{Interdigital streams, i.e. lamellae}	<administrative transfer to B01F 33/3012>
D	B01F 13/0067	4	{The interdigital streams being concentric lamellae}	<administrative transfer to B01F 33/30121>
D	B01F 13/0069	2	{the components flowing in the form of droplets (B01F 3/0807 take precedence)}	<administrative transfer to B01F 33/302>
D	B01F 13/0071	3	{the components to be mixed being combined in a single independent droplet, e.g. these droplets being divided by a non-miscible fluid or consisting of independent droplets}	<administrative transfer to B01F 33/3021>
D	B01F 13/0072	3	{the components being formed by independent droplets which are alternated, the mixing of the components being achieved by diffusion between droplets}	<administrative transfer to B01F 33/3022>
D	B01F 13/0074	2	{using mixing means not otherwise provided for (B01F 5/00, B01F 7/00, B01F 9/00, B01F 11/00, B01F 13/02 and B01F 13/08 take precedence)}	<administrative transfer to B01F 33/305>
D	B01F 13/0076	3	{using electrohydrodynamic [EHD] or electrokinetic [EKI] phenomena to mix or move the fluids}	<administrative transfer to B01F 33/3031>
D	B01F 13/0077	3	{using magnetohydrodynamic [MHD] phenomena to mix or move the fluids}	<administrative transfer to B01F 33/3032>
D	B01F 13/0079	3	{using heat to mix or move the fluids}	<administrative transfer to B01F 33/3033>
D	B01F 13/0081	3	{using induced convection or movement in the mixture to mix or move the fluids without mechanical means, e.g. thermodynamic instability, strong gradients, etc.}	<administrative transfer to B01F 33/3034>
D	B01F 13/0083	3	{using surface tension to mix, move or hold the fluids}	<administrative transfer to B01F 33/3035>
D	B01F 13/0084	4	{using hydrophilic/hydrophobic surfaces}	<administrative transfer to B01F 33/30351>

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D	B01F 13/0086	4	{using roughness of the surfaces}	<administrative transfer to B01F 33/30352>
D	B01F 13/0088	3	{using a biological motor, i.e. biological molecules which are activated and movement is induced to stir a fluid}	<administrative transfer to B01F 33/3036>
D	B01F 13/0089	3	{using coupled electrorotation [CER] phenomena to mix or move fluids, or to sense properties of the mixture}	<administrative transfer to B01F 33/3037>
D	B01F 13/0091	3	{using ciliary stirrers to move or stir the fluids}	<administrative transfer to B01F 33/3038>
D	B01F 13/0093	3	{the mixing being achieved by diffusion between layers (B01F 13/0069 takes precedence)}	<administrative transfer to B01F 33/3039>
D	B01F 13/0094	3	{the mixing being performed in a mixing chamber where the products are brought into contact}	<administrative transfer to B01F 33/304>
D	B01F 13/0096	3	{using turbulence on microscale}	<administrative transfer to B01F 33/3045>
D	B01F 13/0098	1	{Mixing after turning the mixing vessel upside down}	<administrative transfer to B01F 33/35>
D	B01F 13/02	1	Mixers with gas {or liquid} agitation, e.g. with air supply tubes {(B01F 3/04106 takes precedence; supplying ingredients in concrete mixers with a pneumatic or hydraulic conveyor B28C 7/062; fluidising devices facilitating filling or emptying of containers B65D 88/72)}	<administrative transfer to B01F 33/40>
D	B01F 13/0205	2	{Methods}	<administrative transfer to B01F 33/401>
D	B01F 13/0211	2	{comprising supplementary stirring elements}	<administrative transfer to B01F 33/402>
D	B01F 13/0216	3	{the gas being introduced through the shaft of the stirring element}	<administrative transfer to B01F 33/4021>
D	B01F 13/0222	2	{for mixing liquids (B01F 13/0211, B01F 13/0233, B01F 13/0255 take precedence)}	<administrative transfer to B01F 33/403>
D	B01F 13/0227	2	{for mixing material moving continuously therethrough, e.g. using impinging jets}	<administrative transfer to B01F 33/404>
D	B01F 13/0233	2	{in receptacles having guiding conduits therein, e.g. for feeding the gas to the bottom of the receptacle}	<administrative transfer to B01F 33/405>
D	B01F 13/0238	3	{with vertical conduits through which the material is being moved upwardly driven by the fluid}	<administrative transfer to B01F 33/4051>
D	B01F 13/0244	4	{with a central conduit or a central set of conduits}	<administrative transfer to B01F 33/40511>
D	B01F 13/025	4	{involving gas diffusers at the bottom}	<administrative transfer to B01F 33/40512>
D	B01F 13/0255	2	{in receptacles with gas supply only at the bottom (B01F 13/0233 takes precedence)}	<administrative transfer to B01F 33/406>
D	B01F 13/0261	3	{through orifices arranged around a central cone (B01F 13/0266 takes precedence)}	<administrative transfer to B01F 33/4061>
D	B01F 13/0266	3	{with means for modifying the gas pressure or for supplying gas at different pressures or in different volumes at different parts of the bottom}	<administrative transfer to B01F 33/4062>

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D	B01F 13/0272	2	{by blowing gas on the material from above}	<administrative transfer to B01F 33/407>
D	B01F 13/0277	2	{Controlling}	<administrative transfer to B01F 33/408>
D	B01F 13/0283	2	{Parts, e.g. diffusion elements; Accessories}	<administrative transfer to B01F 33/409>
D	B01F 13/0288	2	{Storing receptacles provided with separate mixing chambers}	<administrative transfer to B01F 33/4092>
D	B01F 13/0294	2	{Plants}	<administrative transfer to B01F 33/4094>
D	B01F 13/04	1	Mixers combined with safety devices {(safety devices in general F16P)}	<administrative transfer to B01F 35/60>
D	B01F 13/042	2	{with a safety or relief valve}	<administrative transfer to B01F 35/602>
D	B01F 13/045	2	{Safety devices concerning the operation of the mixer}	<administrative transfer to B01F 35/605>
D	B01F 13/047	3	{with locking, blocking or interlocking mechanisms for preventing operation of the actuation mechanism of the mixing device}	<administrative transfer to B01F 35/6052>
D	B01F 13/06	1	Mixers adapted for working at sub- or super-atmospheric pressure {, e.g. combined with defoaming}	<administrative transfer to B01F 33/70>
D	B01F 13/065	2	{Working at super-atmospheric pressure}	<administrative transfer to B01F 33/71>
D	B01F 13/08	1	Magnetic mixers {; Mixers having magnetically driven stirrers}	<administrative transfer to B01F 33/45>
D	B01F 13/0809	2	{the mixture being directly submitted to an electromagnetic field without use of a stirrer, e.g. for material comprising ferromagnetic particles, or for molten metal}	<administrative transfer to B01F 33/451>
D	B01F 13/0818	2	{using independent floating stirring elements}	<administrative transfer to B01F 33/452>
D	B01F 13/0827	2	{using supported or suspended stirring elements}	<administrative transfer to B01F 33/453>
D	B01F 13/0836	3	{using an axis supported in several points for mounting the stirring element}	<administrative transfer to B01F 33/4531>
D	B01F 13/0845	3	{using a bearing, tube, opening or gap for internally supporting the stirring element}	<administrative transfer to B01F 33/4532>
D	B01F 13/0854	3	{supporting the stirring element in one point}	<administrative transfer to B01F 33/4533>
D	B01F 13/0863	3	{using a rod for supporting the stirring element, e.g. stirrer sliding on a rod or mounted on a rod sliding in a tube}	<administrative transfer to B01F 33/4534>
D	B01F 13/0872	3	{using a stud for supporting the stirring element}	<administrative transfer to B01F 33/4535>
D	B01F 13/0881	3	{using a wire for supporting or suspending the stirring element, e.g. stirrer sliding on a wire}	<administrative transfer to B01F 33/4536>
D	B01F 13/089	3	{the stirring element being suspended by one point}	<administrative transfer to B01F 33/4537>

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D	B01F 13/10	1	Mixing plant, including combinations of {mixers, e.g. of} dissimilar mixers {(B01F 13/0294 takes precedence)}	<administrative transfer to B01F 33/80>
D	B01F 13/1002	2	{for granular material}	<administrative transfer to B01F 33/805>
D	B01F 13/1005	3	{with several silos arranged in a row or around a central delivery point, e.g. provided with proportioning means}	<administrative transfer to B01F 33/8051>
D	B01F 13/1008	4	{the silos being arranged in a circular configuration, i.e. in a circle around a central delivery point}	<administrative transfer to B01F 33/80514>
D	B01F 13/1011	3	{involving other than mixing operations, e.g. milling, sieving, drying}	<administrative transfer to B01F 33/8052>
D	B01F 13/1013	2	{Combinations of similar mixers, e.g. with rotary stirring devices in two or more receptacles (B01F 13/1002 takes precedence)}	<administrative transfer to B01F 33/81>
D	B01F 13/1016	3	{in two or more consecutive, i.e. successive, mixing receptacles or being consecutively arranged}	<administrative transfer to B01F 33/811>
D	B01F 13/1019	3	{in two or more alternative mixing receptacles, e.g. mixing in one receptacle and dispensing from another receptacle}	<administrative transfer to B01F 33/812>
D	B01F 13/1022	3	{mixing simultaneously in two or more mixing receptacles}	<administrative transfer to B01F 33/813>
D	B01F 13/1025	2	{Combinations of dissimilar mixers (B01F 13/1002 takes precedence)}	<administrative transfer to B01F 33/82>
D	B01F 13/1027	3	{with consecutive receptacles}	<administrative transfer to B01F 33/821>
D	B01F 13/103	4	{with moving and non-moving stirring devices}	<administrative transfer to B01F 33/8212>
D	B01F 13/1033	3	{with moving and non-moving stirring devices in the same receptacle}	<administrative transfer to B01F 33/822>
D	B01F 13/1036	3	{in two or more alternative mixing receptacles, e.g. mixing in one receptacle and dispensing from another receptacle}	<administrative transfer to B01F 33/823>
D	B01F 13/1038	3	{mixing simultaneously in two or more mixing receptacles}	<administrative transfer to B01F 33/824>
D	B01F 13/1041	2	{comprising mixers specially adapted for mixing in combination with disintegrating (B01F 7/048, B01F 13/1002 take precedence)}	<administrative transfer to B01F 33/83>
D	B01F 13/1044	3	{Devices with one shaft, provided with mixing and milling tools, e.g. using balls or rollers as working tools; Devices with two or more tools rotating about the same axis}	<administrative transfer to B01F 33/8305>
D	B01F 13/1047	3	{Devices with consecutive working receptacles, e.g. with two intermeshing tools in one of the receptacles (B01F 13/1044 takes precedence)}	<administrative transfer to B01F 33/831>
D	B01F 13/105	3	{Devices with several tools rotating about different axis in the same receptacle}	<administrative transfer to B01F 33/833>
D	B01F 2013/1052	2	{Mixing in several steps, e.g. successive steps}	<administrative transfer to B01F 33/834 INV>

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D	B01F 13/1055	2	{Mixing plant with mixing receptacles receiving material dispended from several component receptacles, e.g. paint tins}	<administrative transfer to B01F 33/84>
D	B01F 13/1058	3	{with component receptacles fixed in a circular configuration on a horizontal table, e.g. the table being able to be indexed about a vertical axis}	<administrative transfer to B01F 33/841>
D	B01F 13/1061	3	{with means for customizing the mixture on the point of sale, e.g. by sensing, receiving, analysing information about the characteristics of the mixture to be made}	<administrative transfer to B01F 33/844>
D	B01F 13/1063	4	{using a computer for controlling information and converting it in a formula and a set of operation instructions, e.g. on the point of sale}	<administrative transfer to B01F 33/8442>
D	B01F 13/1066	3	{using stored recipes for determining the composition of the mixture to be produced, i.e. for determining the amounts of the basic components to be dispensed from the component receptacles}	<administrative transfer to B01F 33/846>
D	B01F 13/1069	3	{using data, i.e. barcodes, 3D codes or similar type of tagging information, as instruction or identification codes for controlling the dispensing and mixing operations}	<administrative transfer to B01F 33/848>
D	B01F 13/1072	2	{Plants with a plurality of mixing receptacles or mixing tools, e.g. the receptacles or tools being able to be indexed into different working positions along a line or along a circle}	<administrative transfer to B01F 33/85>
D	B01F 2013/1075	2	{combining mixing with other treatments}	<administrative transfer to B01F 33/836 INV>
D	B01F 2013/1077	3	{with disintegrating}	<administrative transfer to B01F 33/8361 INV>
D	B01F 2013/108	4	{by cutting}	<administrative transfer to B01F 33/83611 INV>
D	B01F 2013/1083	4	{by crushing or breaking}	<administrative transfer to B01F 33/83612 INV>
D	B01F 2013/1086	4	{by grinding or milling}	<administrative transfer to B01F 33/83613 INV>
D	B01F 2013/1088	4	{and irradiating}	<administrative transfer to B01F 33/83614 INV>
D	B01F 2013/1091	3	{with chemical reactions}	<administrative transfer to B01F 33/8362 INV>
D	B01F 2013/1094	3	{with coating}	<administrative transfer to B01F 33/8363 INV>
D	B01F 2013/1097	3	{with drying}	<administrative transfer to B01F 33/8364 INV>
D	B01F 15/00	0	Accessories for mixers {; Auxiliary operations or auxiliary devices; Parts or details of general application}	<administrative transfer to B01F 35/00>
D	B01F 15/00006	1	{Mixing heads comprising a driven stirrer (mixing heads without driven stirrer B01F 5/0077)}	<administrative transfer to B01F 33/86>
D	B01F 15/00012	2	{the stirrer being provided with a surrounding stator}	<administrative transfer to B01F 33/862>

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D	B01F 15/00019	1	{Washing or cleaning mixers, e.g. using knockers or scrapers; Inhibiting build-up of material on machine parts (cleaning in general B08B)}	<administrative transfer to B01F 35/145>
D	B01F 15/00025	2	{using a fluid}	<administrative transfer to B01F 35/1452>
D	B01F 15/00032	3	{by means of jets of fluid, e.g. air}	<administrative transfer to B01F 35/1453>
D	B01F 15/00038	2	{using mechanical elements}	<administrative transfer to B01F 35/12>
D	B01F 15/00045	3	{using a brush for cleaning out rests of products}	<administrative transfer to B01F 35/121>
D	B01F 15/00051	3	{using pushers, i.e. a piston, for pushing out rests of products}	<administrative transfer to B01F 35/122>
D	B01F 15/00058	3	{using scrapers for cleaning mixers}	<administrative transfer to B01F 35/123>
D	B01F 15/00064	2	{using one or some of the components of the mixture to wash-out the mixer}	<administrative transfer to B01F 35/13>
D	B01F 15/00071	2	{Working under sterile conditions; Sterilizing the mixer or parts thereof (sterilizing in general A61L)}	<administrative transfer to B01F 35/146>
D	B01F 2015/00077	1	{Use of general mechanical engineering elements in mixing devices}	<administrative transfer to B01F 2035/35>
D	B01F 2015/00084	2	{Sealings}	<administrative transfer to B01F 2035/351>
D	B01F 2015/0009	3	{for laboratory mixers}	<administrative transfer to B01F 2035/3511>
D	B01F 2015/00097	3	{Fluid sealings, e.g. using liquids or air under pressure which is leaking into the mixing receptacle}	<administrative transfer to B01F 2035/3512>
D	B01F 2015/00103	3	{comprising a stationary member in frontal contact with a movable member}	<administrative transfer to B01F 2035/3513>
D	B01F 2015/0011	2	{Bearings}	<administrative transfer to B01F 2035/352>
D	B01F 2015/00116	2	{Lubricating systems}	<administrative transfer to B01F 2035/353>
D	B01F 15/00123	1	{Controlling; Testing; Measuring (B01F 15/0408 takes precedence)}	<administrative transfer to B01F 35/20>
D	B01F 15/00129	2	{Measuring operational parameters (B01F 15/00201 and B01F 15/00207 take precedence)}	<administrative transfer to B01F 35/211>
D	B01F 15/00136	3	{Measuring flow rate}	<administrative transfer to B01F 35/2111>
D	B01F 15/00142	4	{Measuring mass flow rate}	<administrative transfer to B01F 35/21111>
D	B01F 15/00149	4	{Measuring volumetric flow rate}	<administrative transfer to B01F 35/21112>
D	B01F 15/00155	3	{Measuring the level of material in a container or the position or shape of the upper surface of the material}	<administrative transfer to B01F 35/2112>
D	B01F 15/00162	3	{Measuring pressure}	<administrative transfer to B01F 35/2113>

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D	B01F 15/00168	3	{Measuring speed of feeding material, e.g. bands or strips}	\<administrative transfer to B01F 35/2114\>
D	B01F 15/00175	3	{Measuring temperature}	\<administrative transfer to B01F 35/2115\>
D	B01F 15/00181	4	{using infrared radiation thermometer or pyrometer, infrared sensors for temperature measurement without contact}	\<administrative transfer to B01F 35/21151\>
D	B01F 15/00188	3	{Measuring volume}	\<administrative transfer to B01F 35/2116\>
D	B01F 15/00194	3	{Measuring weight}	\<administrative transfer to B01F 35/2117\>
D	B01F 15/00201	2	{Measuring data of the driving system, e.g. torque, speed, power; Motor control}	\<administrative transfer to B01F 35/212\>
D	B01F 15/00207	2	{Measuring properties of the mixtures, e.g. temperature, density, colour, vibration, noise (B01F 15/00201 takes precedence)}	\<administrative transfer to B01F 35/213\>
D	B01F 15/00214	3	{Measuring colour or luminiscence}	\<administrative transfer to B01F 35/2131\>
D	B01F 15/0022	3	{Measuring concentration, pH, pOH, p(ION), oxygen-demand (B01F 15/00227 takes precedence)}	\<administrative transfer to B01F 35/2132\>
D	B01F 15/00227	3	{Measuring electrical conductivity or dielectric constant of the mixture}	\<administrative transfer to B01F 35/2133\>
D	B01F 15/00233	3	{Measuring density or solids or particle number}	\<administrative transfer to B01F 35/2134\>
D	B01F 15/0024	3	{Measuring humidity, e.g. moisture content}	\<administrative transfer to B01F 35/2135\>
D	B01F 15/00246	3	{Measuring viscosity}	\<administrative transfer to B01F 35/2136\>
D	B01F 15/00253	2	{Controlling the whole mixing process}	\<administrative transfer to B01F 35/2209\>
D	B01F 15/00259	2	{characterized by the means for measuring parameters}	\<administrative transfer to B01F 35/214\>
D	B01F 15/00266	3	{Measuring parameters of mixture or components to be mixed by means of wireless sensors introduced in the mixture, e.g. using transponders or RFID tags}	\<administrative transfer to B01F 35/2142\>
D	B01F 15/00272	3	{using radiation for measuring parameters of mixture or components to be mixed}	\<administrative transfer to B01F 35/2144\>
D	B01F 15/00279	2	{characterized by the type of control technique used}	\<administrative transfer to B01F 35/22\>
D	B01F 15/00285	3	{Controlling the mixing process by feed-back, i.e. a measured parameter of the mixture is measured, compared with the set-value and the feed values are corrected}	\<administrative transfer to B01F 35/2202\>
D	B01F 15/00292	3	{Controlling the mixing process by feed-forward, i.e. a parameter of the components to be mixed is measured and the feed values are calculated}	\<administrative transfer to B01F 35/2203\>
D	B01F 15/00298	3	{Controlling the mixing process by fuzzy control, i.e. a prescribed fuzzy rule}	\<administrative transfer to B01F 35/2204\>

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D	B01F 15/00305	3	{Controlling the mixing process from a remote server, e.g. by sending commands using radio, telephone, internet, local network, GPS or other means}	<administrative transfer to B01F 35/2205>
D	B01F 15/00311	3	{Use of stored recipes for controlling the computer programs, e.g. for manipulation, handling, production, composition in mixing plants (B01F 13/1066 takes precedence)}	<administrative transfer to B01F 35/2206>
D	B01F 15/00318	3	{Use of data, i.e. barcodes, 3D codes or similar type of tagging information, as instruction or identification codes for controlling the computer programs, e.g. for manipulation, handling, production, compounding in mixing plants (B01F 13/1069 takes precedence)}	<administrative transfer to B01F 35/2207>
D	B01F 15/00324	3	{Controlling using ultrasonic waves during the operation}	<administrative transfer to B01F 35/2208>
D	B01F 15/00331	2	{characterized by the parameter being controlled}	<administrative transfer to B01F 35/221>
D	B01F 15/00337	3	{Controlling the position of baffles used to modify the flow in a conduit or a container}	<administrative transfer to B01F 35/222>
D	B01F 15/00344	3	{Controlling the amount of delivered fluid during a period}	<administrative transfer to B01F 35/2211>
D	B01F 15/0035	3	{Controlling the level of the material in the mixer}	<administrative transfer to B01F 35/2212>
D	B01F 15/00357	3	{Controlling pressure}	<administrative transfer to B01F 35/2213>
D	B01F 15/00363	3	{Controlling speed during the operation}	<administrative transfer to B01F 35/2214>
D	B01F 15/0037	4	{Controlling the speed of feeding of at least one component to be mixed}	<administrative transfer to B01F 35/22141>
D	B01F 15/00376	4	{Controlling the speed of the mixing device during the operation}	<administrative transfer to B01F 35/22142>
D	B01F 15/00383	5	{Controlling the linear speed of the tip of a moving stirrer during the operation}	<administrative transfer to B01F 35/221421>
D	B01F 15/00389	5	{Controlling the speed of rotation of the mixing axis, stirrer or receptacle during the operation}	<administrative transfer to B01F 35/221422>
D	B01F 15/00396	3	{Controlling temperature}	<administrative transfer to B01F 35/2215>
D	B01F 15/00402	3	{Controlling time, i.e. duration, of at least one parameter during the operation}	<administrative transfer to B01F 35/2216>
D	B01F 15/00409	4	{Controlling the duration of the mixing process or parts of it}	<administrative transfer to B01F 35/22161>
D	B01F 15/00415	4	{Controlling the time of feeding of at least one of the components to be mixed}	<administrative transfer to B01F 35/22162>
D	B01F 15/00422	3	{Controlling the volume of at least one component to be mixed}	<administrative transfer to B01F 35/2217>
D	B01F 15/00428	3	{Controlling the weight of at least one component to be mixed}	<administrative transfer to B01F 35/2218>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 15/00435	1	{Drives, e.g. for reciprocating motion; Transmissions; Brakes; Couplings (B01F 15/00201, B01F 15/00668 take precedence; drives using magnetic couplings B01F 13/08)}	<administrative transfer to B01F 35/30>
D	B01F 15/00441	2	{Construction of driving shafts}	<administrative transfer to B01F 35/322>
D	B01F 15/00448	2	{for vertical stirrer shafts (B01F 15/00461 takes precedence)}	<administrative transfer to B01F 35/323>
D	B01F 15/00454	3	{Driving several stirrer shafts, e.g. about the same axis}	<administrative transfer to B01F 35/3231>
D	B01F 15/00461	2	{Driving independent stirrer shafts, i.e. not fitted on the container}	<administrative transfer to B01F 35/324>
D	B01F 15/00467	2	{Driving reciprocating or oscillating stirrers}	<administrative transfer to B01F 35/325>
D	B01F 15/00474	2	{Electrical circuits therefor}	<administrative transfer to B01F 35/30>
D	B01F 15/0048	2	{Couplings therefor, e.g. with torque sensing means (couplings or clutches in general F16D; measuring torque G01L 3/00)}	<administrative transfer to B01F 35/31>
D	B01F 15/00487	2	{Nature of the drive}	<administrative transfer to B01F 35/32005>
D	B01F 15/00493	3	{Driven by acoustic force, e.g. acoustically induced bubbles, acoustic windmill, acoustic scallop}	<administrative transfer to B01F 35/3201>
D	B01F 15/005	3	{Flow driven}	<administrative transfer to B01F 35/32015>
D	B01F 15/00506	3	{Hand driven}	<administrative transfer to B01F 35/3202>
D	B01F 15/00512	4	{Shaking by hand a portable receptacle or stirrer for mixing}	<administrative transfer to B01F 35/32021>
D	B01F 15/00519	3	{Battery driven}	<administrative transfer to B01F 35/32025>
D	B01F 15/00525	3	{Gas driven}	<administrative transfer to B01F 35/3203>
D	B01F 15/00532	3	{Gravity driven, e.g. by means of weights out of balance, plunger-weights moving in a cylinder}	<administrative transfer to B01F 35/32035>
D	B01F 15/00538	3	{Motor driven, i.e. by means of an electric or IC motor}	<administrative transfer to B01F 35/3204>
D	B01F 15/00545	3	{Hydraulically driven}	<administrative transfer to B01F 35/32045>
D	B01F 15/00551	3	{Driven by optical pressure force, e.g. produced by a laser beam}	<administrative transfer to B01F 35/3205>
D	B01F 15/00558	3	{Driven by solar energy}	<administrative transfer to B01F 35/32055>
D	B01F 15/00564	3	{Driven by the rotation of the wheels during movement}	<administrative transfer to B01F 35/3206>
D	B01F 15/00571	3	{Wind driven}	<administrative transfer to B01F 35/32065>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 2015/00577	2	{Disposition of the drive}	<administrative transfer to B01F 35/321 INV>
D	B01F 2015/00584	3	{independent from the receptacle}	<administrative transfer to B01F 35/3211 INV>
D	B01F 2015/0059	3	{mounted on the receptacle}	<administrative transfer to B01F 35/3212 INV>
D	B01F 2015/00597	3	{at the lower side of the axis, e.g. driving the stirrer from the bottom of a receptacle}	<administrative transfer to B01F 35/3213 INV>
D	B01F 2015/00603	3	{at the upper side of the axis, e.g. driving the stirrer from the top of a receptacle}	<administrative transfer to B01F 35/3214 INV>
D	B01F 2015/0061	3	{the driving system comprising more than one motor, e.g. having an auxiliar motor or comprising independently driven elements}	<administrative transfer to B01F 35/3215 INV>
D	B01F 2015/00616	4	{Driving the stirrer axis from both ends of the axis, i.e. using at least two motors per shaft}	<administrative transfer to B01F 35/32151 INV>
D	B01F 2015/00623	2	{Transmissions}	<administrative transfer to B01F 35/33 INV>
D	B01F 2015/00629	3	{the transmission alternately changes the speed of rotation}	<administrative transfer to B01F 35/331 INV>
D	B01F 2015/00636	3	{the transmission alternately changes the direction of rotation}	<administrative transfer to B01F 35/332 INV>
D	B01F 2015/00642	3	{the transmission or the motor can change the rotation sense, e.g. to mix or aerate, to move a fluid forward or backward, to suck or blow}	<administrative transfer to B01F 35/333 INV>
D	B01F 2015/00649	2	{Couplings}	<administrative transfer to B01F 35/31 INV>
D	B01F 2015/00655	2	{Brake mechanisms}	<administrative transfer to B01F 35/34 INV>
D	B01F 15/00662	1	{Mounting or supporting mixing devices, e.g. independent stirrer units on receptacles; Mounting or supporting receptacles on frames or stands; Clamping or holding arrangements therefor}	<administrative transfer to B01F 35/40>
D	B01F 15/00668	2	{Mounting or supporting stirrer shafts on receptacles}	<administrative transfer to B01F 35/41>
D	B01F 15/00675	3	{by supporting only one extremity of the shaft}	<administrative transfer to B01F 35/411>
D	B01F 15/00681	4	{at the top of the receptacle}	<administrative transfer to B01F 35/4111>
D	B01F 15/00688	4	{at the bottom of the receptacle, e.g. by studs}	<administrative transfer to B01F 35/4112>
D	B01F 15/00694	4	{at a side wall of the receptacle}	<administrative transfer to B01F 35/4113>
D	B01F 15/00701	3	{by supporting both extremities of the shaft}	<administrative transfer to B01F 35/412>
D	B01F 15/00707	4	{at the top and at the bottom of the receptacle, e.g. for performing a conical orbital movement about a vertical axis}	<administrative transfer to B01F 35/4121>

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D	B01F 15/00714	4	{at the side walls of the receptacle}	<administrative transfer to B01F 35/4122>
D	B01F 15/0072	3	{by means of clamps, clamping arrangements for fixing attached stirrers or independent stirrer units}	<administrative transfer to B01F 35/413>
D	B01F 15/00727	3	{using inflatable arrangements for supporting a stirring element}	<administrative transfer to B01F 35/414>
D	B01F 15/00733	2	{Clamping or holding arrangements for mounting receptacles on mixing devices, e.g. for shaking, vibrating or rotating the receptacle}	<administrative transfer to B01F 35/42>
D	B01F 15/0074	3	{having a cup-shaped or cage-type form}	<administrative transfer to B01F 35/421>
D	B01F 15/00746	3	{having a jaw-type or finger-type shape}	<administrative transfer to B01F 35/422>
D	B01F 15/00753	3	{of the vertically movable, two-plates type}	<administrative transfer to B01F 35/423>
D	B01F 2015/00759	3	{by means of an air cushion used for supporting the mixing receptacle}	<administrative transfer to B01F 35/424 INV>
D	B01F 15/00766	3	{Holding arrangements for retaining loose elements of the mixing receptacle, e.g. for holding the handle of a can while it is being shaked}	<administrative transfer to B01F 35/425>
D	B01F 15/00772	2	{Supporting receptacles on frames or stands (B01F 15/00733 takes precedence; frames of machines, stands as support for apparatus, in general F16M)}	<administrative transfer to B01F 35/43>
D	B01F 15/00779	1	{Receptacle closures, covers or doors; Mechanisms for operating them}	<administrative transfer to B01F 35/45>
D	B01F 15/00785	2	{by rotating them about an axis parallel to the plane of the opening}	<administrative transfer to B01F 35/451>
D	B01F 15/00792	2	{by moving them in the plane of the opening (B01F 15/00818 takes precedence)}	<administrative transfer to B01F 35/452>
D	B01F 15/00798	3	{by rotating them about an axis perpendicular to the plane of the opening}	<administrative transfer to B01F 35/4521>
D	B01F 15/00805	2	{by moving them perpendicular to the plane of the opening}	<administrative transfer to B01F 35/453>
D	B01F 15/00811	3	{and moving them afterwards in another direction}	<administrative transfer to B01F 35/4531>
D	B01F 15/00818	2	{Moving covers on a cylindrical drum in a circular path along the drum}	<administrative transfer to B01F 35/454>
D	B01F 15/00824	1	{Receptacles (B01F 9/0032, B01F 15/00779 take precedence)}	<administrative transfer to B01F 35/50>
D	B01F 15/00831	2	{Nature of the receptacle}	<administrative transfer to B01F 35/51>
D	B01F 15/00837	3	{provided with liners, e.g. wear resistant or flexible liners}	<administrative transfer to B01F 35/511>
D	B01F 15/00844	3	{Surface characteristics, e.g. coated, rough}	<administrative transfer to B01F 35/512>
D	B01F 15/0085	3	{the mixing receptacle being flexible, e.g. flexible bags supported by rigid containers}	<administrative transfer to B01F 35/513>

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D	B01F 15/00857	3	{the mixing receptacle or conduit being transparent or comprising transparent parts}	<administrative transfer to B01F 35/514>
D	B01F 15/00863	2	{Multi compartment receptacles}	<administrative transfer to B01F 35/52>
D	B01F 15/0087	3	{comprising compartments keeping the materials to be mixed separated until the mixing is initiated (B65D 81/32 takes precedence)}	<administrative transfer to B01F 35/522>
D	B01F 15/00876	2	{Configuration of the interior}	<administrative transfer to B01F 35/53>
D	B01F 15/00883	3	{provided with baffles, plates or bars on the wall or the bottom}	<administrative transfer to B01F 35/531>
D	B01F 15/00889	4	{with horizontal baffles mounted on the walls}	<administrative transfer to B01F 35/5311>
D	B01F 15/00896	4	{with vertical baffles mounted on the walls}	<administrative transfer to B01F 35/5312>
D	B01F 15/00902	3	{provided with guide tubes on the wall or the bottom}	<administrative transfer to B01F 35/532>
D	B01F 15/00909	2	{Closely surrounding the rotating element}	<administrative transfer to B01F 35/54>
D	B01F 15/00915	1	{Baffles; Flow breakers}	<administrative transfer to B01F 35/55>
D	B01F 15/00922	1	{Maintenance, e.g. replacing, repairing or inspecting; Making mixers or parts thereof}	<administrative transfer to B01F 35/10>
D	B01F 15/00928	1	{General build-up of the mixers}	<administrative transfer to B01F 35/56>
D	B01F 15/00935	2	{the mixer being built-up from a plurality of modules or stacked plates comprising complete or partial elements of the mixer}	<administrative transfer to B01F 35/561>
D	B01F 15/00941	2	{the mixer or mixing elements being collapsible, i.e. when discharging the products}	<administrative transfer to B01F 35/562>
D	B01F 15/00948	3	{the complete mixer being collapsible, i.e. the housing can be collapsed}	<administrative transfer to B01F 35/5621>
D	B01F 15/00954	1	{Preventing generation of dust or dirt; Sieves; Filters (B01F 15/00019, B01F 15/00779 take precedence)}	<administrative transfer to B01F 35/181>
D	B01F 15/00961	2	{Preventing generation of dust}	<administrative transfer to B01F 35/184>
D	B01F 15/00967	2	{using splash guards in mixers for avoiding dirt or projection of material}	<administrative transfer to B01F 35/186>
D	B01F 15/00974	2	{using filters in mixers, e.g. during venting}	<administrative transfer to B01F 35/187>
D	B01F 15/0098	3	{Filters for microliving organisms, i.e. filtering of the mixture}	<administrative transfer to B01F 35/1872>
D	B01F 15/00987	2	{using sieves in mixers for purposes other than mixing, e.g. eliminating dust during venting}	<administrative transfer to B01F 35/188>
D	B01F 15/00993	2	{Venting, degassing, ventilating of gases, fumes or toxic vapours during mixing}	<administrative transfer to B01F 35/189>
D	B01F 15/02	1	Feed or discharge mechanisms	<administrative transfer to B01F 35/71>

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D	B01F 15/0201	2	{Feed mechanisms (with proportioning B01F 15/04)}	<administrative transfer to B01F 35/71>
D	B01F 15/0202	3	{for feeding a mixture of components, i.e. solids in liquid, solids in a gas stream}	<administrative transfer to B01F 35/711>
D	B01F 15/0203	3	{for feeding fluids}	<administrative transfer to B01F 35/712>
D	B01F 2015/0204	3	{using screws, transporting belts or hoppers}	<administrative transfer to B01F 35/71705 INV>
D	B01F 15/0205	3	{comprising breaking packages or parts thereof, e.g. piercing or opening sealing elements between compartments or cartridges (B65D 25/08, B65D 81/32 take precedence)}	<administrative transfer to B01F 35/713>
D	B01F 15/0206	4	{Breaking or perforating packages, containers, vials}	<administrative transfer to B01F 35/7131>
D	B01F 15/0207	4	{the package containing one of the components dissolves when in contact with the other component of the mixture (B65D 65/46 takes precedence)}	<administrative transfer to B01F 35/7132>
D	B01F 15/0208	4	{Opening clips which seal openings between the compartments}	<administrative transfer to B01F 35/7133>
D	B01F 15/0209	4	{Dissolving the seal when in contact with one of the products to be mixed, thereby bringing the compartments in communication}	<administrative transfer to B01F 35/7134>
D	B01F 15/021	4	{Opening the seal between the compartments by application of heat}	<administrative transfer to B01F 35/7135>
D	B01F 15/0211	4	{Opening hooks which lock, close-off openings between compartments}	<administrative transfer to B01F 35/7136>
D	B01F 15/0212	4	{Piercing, perforating, melting membranes, closures which seal the compartments}	<administrative transfer to B01F 35/7137>
D	B01F 15/0213	4	{Opening valves which close-off openings between compartments}	<administrative transfer to B01F 35/7138>
D	B01F 15/0215	4	{Removing separation walls, plugs which close off the different compartments, e.g. by rotation, axially sliding}	<administrative transfer to B01F 35/7139>
D	B01F 15/0216	3	{for feeding predetermined amounts (B01F 15/0441 takes precedence)}	<administrative transfer to B01F 35/714>
D	B01F 15/0217	4	{using measuring chambers moving between a loading and unloading position, e.g. reciprocating feed frames}	<administrative transfer to B01F 35/7141>
D	B01F 15/0218	5	{rotating or oscillating about an axis}	<administrative transfer to B01F 35/71411>
D	B01F 15/0219	6	{the measuring chambers being pockets on the circumference of a drum rotating about a horizontal axis with discharging by gravity}	<administrative transfer to B01F 35/714111>
D	B01F 15/022	6	{the measuring chambers being channels extending between both front faces of a rotating cylinder or disc}	<administrative transfer to B01F 35/714112>
D	B01F 2015/0221	3	{Feeding the components in several steps, e.g. successive steps}	<administrative transfer to B01F 35/715 INV>
D	B01F 15/0222	3	{characterized by the relative arrangement of the containers for feeding or mixing the components}	<administrative transfer to B01F 35/716>

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D	B01F 15/0223	4	{the containers being connected coaxially before contacting the contents}	<administrative transfer to B01F 35/7161>
D	B01F 15/0224	4	{A container being placed inside the other before contacting the contents}	<administrative transfer to B01F 35/7162>
D	B01F 15/0225	4	{the containers being connected in a mouth-to-mouth, end-to-end disposition, i.e. the openings are juxtaposed before contacting the contents}	<administrative transfer to B01F 35/7163>
D	B01F 15/0226	4	{the containers being placed in parallel before contacting the contents}	<administrative transfer to B01F 35/7164>
D	B01F 15/0227	3	{characterized by the means for feeding the components to the mixer}	<administrative transfer to B01F 35/717>
D	B01F 15/0229	4	{using belts}	<administrative transfer to B01F 35/71705>
D	B01F 15/023	4	{using boxes, closable containers, sacks, carts}	<administrative transfer to B01F 35/7171>
D	B01F 15/0231	4	{using buckets, cups, open containers}	<administrative transfer to B01F 35/71715>
D	B01F 15/0232	4	{using capillary forces}	<administrative transfer to B01F 35/7172>
D	B01F 15/0233	4	{using centrifugal forces}	<administrative transfer to B01F 35/71725>
D	B01F 15/0234	4	{using gravity, e.g. from a hopper}	<administrative transfer to B01F 35/7173>
D	B01F 15/0235	5	{using a hopper}	<administrative transfer to B01F 35/71731>
D	B01F 15/0236	4	{using grippers}	<administrative transfer to B01F 35/71735>
D	B01F 15/0237	4	{using pistons, plungers, syringes}	<administrative transfer to B01F 35/7174>
D	B01F 15/0238	4	{using pneumatic pressure, overpressure, gas or air pressure in a closed receptacle or circuit system}	<administrative transfer to B01F 35/71745>
D	B01F 15/0239	4	{using propellors}	<administrative transfer to B01F 35/7175>
D	B01F 15/024	4	{using means for feeding components in a pulsating or intermittent manner}	<administrative transfer to B01F 35/71755>
D	B01F 15/0241	5	{using electrical pulses}	<administrative transfer to B01F 35/717551>
D	B01F 15/0243	4	{using pumps}	<administrative transfer to B01F 35/7176>
D	B01F 15/0244	5	{membrane pumps}	<administrative transfer to B01F 35/71761>
D	B01F 15/0245	5	{peristaltic pumps}	<administrative transfer to B01F 35/717611>
D	B01F 15/0246	5	{piezoelectric pumps}	<administrative transfer to B01F 35/717612>
D	B01F 15/0247	5	{piston pumps}	<administrative transfer to B01F 35/717613>

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D	B01F 15/0248	5	{venturi pumps}	<administrative transfer to B01F 35/717614>
D	B01F 15/0249	4	{using rakes, plain plates with raking movement}	<administrative transfer to B01F 35/71765>
D	B01F 15/025	4	{using rollers}	<administrative transfer to B01F 35/7177>
D	B01F 15/0251	4	{using helical screws}	<administrative transfer to B01F 35/71775>
D	B01F 15/0252	4	{using shovels, scoops}	<administrative transfer to B01F 35/7178>
D	B01F 15/0253	4	{using slides, vibrating tables}	<administrative transfer to B01F 35/71785>
D	B01F 15/0254	4	{using sprayers, nozzles, jets}	<administrative transfer to B01F 35/7179>
D	B01F 15/0255	5	{using ink jet heads or cartridges, e.g. of the thermal bubble jet or piezoelectric type}	<administrative transfer to B01F 35/71791>
D	B01F 15/0256	4	{Squeezing a flexible container}	<administrative transfer to B01F 35/71795>
D	B01F 15/0258	4	{using vacuum, underpressure in a closed receptacle or circuit system}	<administrative transfer to B01F 35/718>
D	B01F 15/0259	5	{using a syphon to create a suction of a component}	<administrative transfer to B01F 35/71801>
D	B01F 15/026	4	{using valves, gates, orifices, openings}	<administrative transfer to B01F 35/71805>
D	B01F 15/0261	5	{being adjustable}	<administrative transfer to B01F 35/718051>
D	B01F 15/0262	4	{using fans, turbines}	<administrative transfer to B01F 35/7181>
D	B01F 15/0263	4	{using vibrations, e.g. standing waves, ultrasonic vibrations}	<administrative transfer to B01F 35/71815>
D	B01F 15/0264	4	{With means for feeding the material with a fractal or tree-type distribution in a surface}	<administrative transfer to B01F 35/7182>
D	B01F 15/0265	4	{using means for feeding one phase surrounded by another phase without mixing during the feeding}	<administrative transfer to B01F 35/71825>
D	B01F 15/0266	2	{Discharge mechanism}	<administrative transfer to B01F 35/75>
D	B01F 15/0267	3	{Discharging by opening a gate, e.g. using discharge paddles}	<administrative transfer to B01F 35/751>
D	B01F 15/0268	4	{the gate carrying a stirrer acting as discharge pump}	<administrative transfer to B01F 35/7511>
D	B01F 2015/0269	3	{using a rotary discharge means, e.g. a screw beneath the receptacle (B01F 15/0267 takes precedence)}	<administrative transfer to B01F 35/75455 INV>
D	B01F 15/027	3	{with arrangements for converting the mechanism from mixing to discharging, e.g. by either guiding a mixture back into a receptacle or discharging it}	<administrative transfer to B01F 35/752>
D	B01F 15/0272	3	{Discharging at the upper side of the receptacle, e.g. by pressurising the liquid in the receptacle or by centrifugal force}	<administrative transfer to B01F 35/753>

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D	B01F 2015/0273	3	{using a piston reciprocating in the mixing receptacle}	<administrative transfer to B01F 35/754251 INV>
D	B01F 15/0274	3	{characterized by the means for discharging the components from the mixer}	<administrative transfer to B01F 35/754>
D	B01F 15/0275	4	{using belts}	<administrative transfer to B01F 35/7541>
D	B01F 15/0276	4	{using gravity}	<administrative transfer to B01F 35/75415>
D	B01F 15/0277	4	{Discharging the components by overflow}	<administrative transfer to B01F 35/7542>
D	B01F 15/0278	4	{using pistons or plungers}	<administrative transfer to B01F 35/75425>
D	B01F 15/0279	5	{reciprocating in the mixing receptacle}	<administrative transfer to B01F 35/754251>
D	B01F 15/028	4	{using pneumatic pressure, overpressure, gas pressure in a closed receptacle or circuit system}	<administrative transfer to B01F 35/7543>
D	B01F 15/0281	4	{using means for discharging the mixture in a pulsating or intermittent manner}	<administrative transfer to B01F 35/75435>
D	B01F 15/0282	5	{using electrical pulses}	<administrative transfer to B01F 35/754351>
D	B01F 15/0283	4	{using pumps}	<administrative transfer to B01F 35/7544>
D	B01F 15/0284	5	{using venturi pumps}	<administrative transfer to B01F 35/75441>
D	B01F 15/0286	4	{using pushers}	<administrative transfer to B01F 35/75445>
D	B01F 15/0287	4	{using slides}	<administrative transfer to B01F 35/7545>
D	B01F 15/0288	4	{using a rotary discharge means, e.g. a screw beneath the receptacle (B01F 15/0267 takes precedence)}	<administrative transfer to B01F 35/75455>
D	B01F 15/0289	5	{using helical screws}	<administrative transfer to B01F 35/754551>
D	B01F 15/029	4	{using squeezing means on a deformable container}	<administrative transfer to B01F 35/7546>
D	B01F 15/0291	4	{using suction, vacuum, e.g. with a pipette}	<administrative transfer to B01F 35/75465>
D	B01F 15/0292	4	{using valves, gates, orifices, openings}	<administrative transfer to B01F 35/7547>
D	B01F 15/0293	5	{being adjustable}	<administrative transfer to B01F 35/75471>
D	B01F 15/0294	4	{using fans or ventilators}	<administrative transfer to B01F 35/75475>
D	B01F 15/0295	4	{using tilting or pivoting means for emptying the mixing receptacle}	<administrative transfer to B01F 35/7548>
D	B01F 15/0296	4	{the mixing receptacle rotating in opposite directions for mixing and for discharging}	<administrative transfer to B01F 35/75485>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 15/0297	4	{using distributing means, e.g. manifold valves, multiple fittings for supplying the discharge components to a plurality of dispensing places}	<administrative transfer to B01F 35/7549>
D	B01F 15/0298	2	{Preventing lumping, or comminuting lumps, during feeding or discharging, e.g. by means of vibrations, or by scrapers}	<administrative transfer to B01F 35/79>
D	B01F 15/04	1	Forming a predetermined ratio of the substances to be mixed (controlling ratio of two or more flows of fluid or fluent material G05D 11/02 {; G05D 11/00 takes precedence})	<administrative transfer to B01F 35/80>
D	B01F 15/0404	2	{Forming mixtures with changing ratio or gradient}	<administrative transfer to B01F 35/81>
D	B01F 15/0408	2	{Adding a component to a mixture in response to a detected feature, e.g. density, radioactivity, consumed power, colour}	<administrative transfer to B01F 35/82>
D	B01F 15/0412	2	{Forming a predetermined ratio of two or more flows, e.g. using flow-sensing or flow controlling devices (B01F 15/0408 takes precedence)}	<administrative transfer to B01F 35/83>
D	B01F 15/0416	3	{using one or more pump or other dispensing mechanisms for feeding the flows in predetermined proportion, e.g. one of the pumps being driven by one of the flows (B01F 15/0425 takes precedence)}	<administrative transfer to B01F 35/831>
D	B01F 15/042	4	{with means for controlling the motor driving the pumps or the other dispensing mechanisms}	<administrative transfer to B01F 35/8311>
D	B01F 15/0425	3	{Flow control by weighing}	<administrative transfer to B01F 35/832>
D	B01F 15/0429	3	{Flow control by valves, e.g. opening intermittently}	<administrative transfer to B01F 35/833>
D	B01F 15/0433	4	{the flow of one component operating the actuator of the valve, e.g. by deforming a membrane which operates de valve actuator}	<administrative transfer to B01F 35/8331>
D	B01F 15/0437	3	{the flow of substances to be mixed circulating in a closed circuit, e.g. from a container through valve, driving means, metering means, dispensing means, e.g. 3-way valve, and back to the container}	<administrative transfer to B01F 35/834>
D	B01F 15/0441	2	{by feeding the components in predetermined amounts}	<administrative transfer to B01F 35/88>
D	B01F 15/0445	3	{by weighing, e.g. with automatic discharge}	<administrative transfer to B01F 35/881>
D	B01F 15/045	4	{the weighing being effected by material receiving containers rotating or tilting under the influence of the weight of the material in those containers}	<administrative transfer to B01F 35/8811>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B01F 15/0454	3	{using measuring chambers, e.g. volumetric pumps, for feeding the substances (for amalgam mixers A61C 5/60; specially adapted for mixing plastic material B29B 7/242, B29B 7/603, B29B 7/7626; feeding plastic material in general B29C 31/06, B29C 31/10; for presses B30B 15/302, B30B 15/304; pumps for delivering fixed or variable measured quantities of two or more fluids at the same time F04B 13/02; measuring and separting a predetermined volume of fluid or fluent solid material G01F 11/00)}	<administrative transfer to B01F 35/882>
D	B01F 15/0458	4	{involving controlling}	<administrative transfer to B01F 35/8821>
D	B01F 15/0462	4	{using measuring chambers of the piston or plunger type (B01F 15/0475 takes precedence)}	<administrative transfer to B01F 35/8822>
D	B01F 15/0466	5	{with double acting pistons (B01F 15/047 takes precedence)}	<administrative transfer to B01F 35/88221>
D	B01F 15/047	5	{without external means for driving the piston, e.g. the piston being driven by one of the components}	<administrative transfer to B01F 35/88222>
D	B01F 15/0475	4	{using diaphragms or bellows}	<administrative transfer to B01F 35/8823>
D	B01F 15/0479	3	{using flow rate controls for feeding the substances}	<administrative transfer to B01F 35/883>
D	B01F 15/0483	2	{for solid materials, e.g. using belts, vibrations, hoppers with variable outlets or hoppers with rotating elements, e.g. screws, at their outlet (B01F 15/0408 - B01F 15/0441 take precedence)}	<administrative transfer to B01F 35/892>
D	B01F 15/0487	3	{the material after falling on a, e.g. rotatable, plate being wiped from this plate by means of a scraper}	<administrative transfer to B01F 35/8921>
D	B01F 15/0491	2	{Measuring receptacles therefor}	<administrative transfer to B01F 35/894>
D	B01F 15/0495	2	{characterised by the build-up of the device}	<administrative transfer to B01F 35/896>
D	B01F 15/06	1	Heating or cooling systems	<administrative transfer to B01F 35/90>
D	B01F 2015/061	2	{Cooling}	<administrative transfer to B01F 2035/98>
D	B01F 2015/062	2	{Heating}	<administrative transfer to B01F 2035/99>
D	B01F 15/063	2	{using gas or liquid injected into the material, e.g. using liquefied CO_2 or steam}	<administrative transfer to B01F 35/91>
D	B01F 15/065	2	{using heating or cooling elements at the outside of the receptacle, e.g. heated jackets, burners, spraying devices}	<administrative transfer to B01F 35/92>
D	B01F 15/066	2	{using heating or cooling elements inside the receptacle}	<administrative transfer to B01F 35/93>
D	B01F 15/067	2	{using radiation or high frequency energy, e.g. microwaves or electromagnetic radiation}	<administrative transfer to B01F 35/94>

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D	B01F 15/068	2	{using heated or cooled stirrers}	<administrative transfer to B01F 35/95>
D	B01F 17/00	0	Use of substances as emulsifying, wetting, dispersing or foam-producing agents {(see for particular applications relevant classes, e.g. lubricant emulsions C10M: fuel emulsions C10L 1/32; detergents C11D; colour and dye dispersions C09; textile applications D06; cosmetics A61K; food A23L 29/10; biocides A01N; petrol winning E21B; hydrometallurgy, metal liquid-liquid extraction C22B; mixers B01F 3/00; polymers mixing; waxes C08; paper D21H; demulsification (anti foam) B01D 19/04)}	<administrative transfer to C09K 23/00>
D	B01F 17/0007	1	{Inorganic compounds}	<administrative transfer to C09K 23/002>
D	B01F 17/0014	1	{Organic compounds containing only carbon and hydrogen}	<administrative transfer to C09K 23/003>
D	B01F 17/0021	1	{Organic compounds containing oxygen}	<administrative transfer to C09K 23/00>
D	B01F 17/0028	2	{Macromolecular compounds}	<administrative transfer to C09K 23/00>
D	B01F 17/0035	1	{Organic compounds containing halogen}	<administrative transfer to C09K 23/007>
D	B01F 17/0042	1	{Organic compounds containing nitrogen}	<administrative transfer to C09K 23/00>
D	B01F 17/005	2	{Macromolecular compounds}	<administrative transfer to C09K 23/16>
D	B01F 17/0057	1	{Organic compounds containing sulfur, selenium, or tellurium}	<administrative transfer to C09K 23/00>
D	B01F 17/0064	1	{Organic compounds containing phosphorus}	<administrative transfer to C09K 23/14>
D	B01F 17/0071	1	{Organic compounds containing silicon}	<administrative transfer to C09K 23/54>
D	B01F 17/0078	1	{Organic compounds not provided for in groups B01F 17/0014 - B01F 17/0071}	<administrative transfer to C09K 23/00>
D	B01F 17/0085	1	{Mixtures of compounds}	<administrative transfer to C09K 23/017>
D	B01F 17/0092	2	{Mixtures of 2 or more different organic oxygen-containing compounds}	<administrative transfer to C09K 23/018>
D	B01F 2201/00	0	Dissolving gases	<administrative transfer to B01F 23/2376>
D	B01F 2201/01	1	To-be-deteled with administrative transfer to parent group	<administrative transfer to B01F 23/2376>
D	B01F 2215/0001	1	Field of application of the mixing device	<administrative transfer to B01F 2101/00>
D	B01F 2215/0003	2	Mixing or agitating manure, dung (storage of manure with mixing or agitation devices A01C3/026)	<administrative transfer to B01F 2101/005>

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D	B01F 2215/0004	2	Mixing or agitating during harvesting or moving, e.g. mixing with solid harvested products or particles (harvesting or mowing A01D)	<administrative transfer to B01F 2101/02>
D	B01F 2215/0006	2	Mixing or aerating milk or cream ingredients (ice-cream B01F2215/0021; homogenising milk A01J11/16)	<administrative transfer to B01F 2101/07>
D	B01F 2215/0008	2	Mixing cattle, poultry, stock or game food, possibly combined with distribution (fodder distributors with mixer or shredder A01K5/001)	<administrative transfer to B01F 2101/18>
D	B01F 2215/0009	2	Mixing biocide, pesticide, herbicide, ingredients used, e.g. for spraying, in agriculture, horticulture (liquid spraying apparatus for catching or trapping animals A01M7/00)	<administrative transfer to B01F 2101/04>
D	B01F 2215/0011	2	Mixing dough	<administrative transfer to B01F 2101/08>
D	B01F 2215/0013	2	Mixing cereals, grains, seeds materials (treatment of foods A23)	<administrative transfer to B01F 2101/09>
D	B01F 2215/0014	2	Mixing food ingredients (treatment of foods A23)	<administrative transfer to B01F 2101/06>
D	B01F 2215/0016	2	Mixing butter, margarine ingredients (treatment of dairy products A23C)	<administrative transfer to B01F 2101/10>
D	B01F 2215/0018	2	Mixing cheese ingredients (treatment of dairy products A23C)	<administrative transfer to B01F 2101/11>
D	B01F 2215/0019	2	Mixing chocolate ingredients (mixing of cocoa or cocoa products A23G1/0026)	<administrative transfer to B01F 2101/12>
D	B01F 2215/0021	2	Mixing ice-cream ingredients (milk or cream B01F2215/0006; production of ice-cream A23G9/04)	<administrative transfer to B01F 2101/13>
D	B01F 2215/0022	2	Mixing beverage ingredients for non-alcoholic beverages; Dissolving sugar in water (preparation or treatment of foodstuffs A23L)	<administrative transfer to B01F 2101/14>
D	B01F 2215/0024	2	Mixing animal food ingredients (B01F2215/0008 takes precedence; apparatus for preparing animal feeding-stuffs A23N17/00)	<administrative transfer to B01F 2101/18>
D	B01F 2215/0026	2	Kitchen, household equipment for mixing (mixing equipment for kitchen and household, kitchen equipment A47J)	<administrative transfer to B01F 2101/1805>
D	B01F 2215/0027	2	Mixing dentistry compositions (dentistry A61C)	<administrative transfer to B01F 2101/19>
D	B01F 2215/0029	2	Mixing ingredients for bone cement (equipment for handling bone cement A61B17/8802)	<administrative transfer to B01F 2101/20>
D	B01F 2215/0031	2	Mixing ingredients for cosmetic, perfume compositions (mixtures with detergents for washing machines B01F2215/0077; cosmetics or toilet preparations A61K8/00)	<administrative transfer to B01F 2101/21>
D	B01F 2215/0032	2	Mixing ingredients for pharmaceutical, homeopathical compositions	<administrative transfer to B01F 2101/22>

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D	B01F 2215/0034	2	Mixing compositions and mixers in the medical or veterinary field (preparation of medical media for introduction into, or onto, the body A61M)	<administrative transfer to B01F 2101/2202>
D	B01F 2215/0036	2	Mixing chemical components in general, chemical components in order to improve chemical treatment, reactions, independently from the specific application	<administrative transfer to B01F 2101/2204>
D	B01F 2215/0037	2	Mixers used as laboratory equipment, e.g. for analyzing, testing and investigating chemical, physical or biological properties of materials (laboratory equipment B01L, investigating or analyzing materials in general G01N)	<administrative transfer to B01F 2101/23>
D	B01F 2215/0039	2	Mixers of the two-component package type, i.e. where at least two components are separately stored, and are mixed in the moment of application (tools for applying liquids or other fluent materials to surfaces B05C17/00)	<administrative transfer to B01F 2101/2305>
D	B01F 2215/004	2	Mixing ingredients for cleaning compositions, during cleaning operations (cleaning in general B08B)	<administrative transfer to B01F 2101/24>
D	B01F 2215/0042	2	Mixing waste with other ingredients (disposal of solid waste B09)	<administrative transfer to B01F 2101/25>
D	B01F 2215/0044	2	Mixing ingredients for casting metals (mixing in metallurgical processes in general B01F2215/0075; casting of metals B22D)	<administrative transfer to B01F 2101/26>
D	B01F 2215/0045	2	Mixing ingredients for grinding, polishing, lapping (grinding, polishing B24)	<administrative transfer to B01F 2101/27>
D	B01F 2215/0047	2	Mixing cement, mortars, clay, plaster or concrete ingredients	<administrative transfer to B01F 2101/28>
D	B01F 2215/0049	2	Mixing plastics, polymer material ingredients, monomers or oligomers (hot melt adhesives see B01F 2215/0062)	<administrative transfer to B01F 2101/2805>
D	B01F 2215/005	2	Mixing paints, paint ingredients, e.g. pigments, dyes, colours, lacquer-, enamel ingredients (implements for stirring or mixing paints B44D3/06)	<administrative transfer to B01F 2101/30>
D	B01F 2215/0052	2	Treatment of water, waste water or sewage (treatment of water, waste water, sewage or sludge C02F)	<administrative transfer to B01F 2101/305>
D	B01F 2215/0054	2	Mixing compost ingredients or organic waste for preparing fertilizers (organic fertilizers C05F)	<administrative transfer to B01F 2101/33>
D	B01F 2215/0055	2	Mixing fertilizer ingredients from other sources than compost or organic waste (fertilizers C05)	<administrative transfer to B01F 2101/32>
D	B01F 2215/0057	2	Mixing fuel and prill, i.e. water or other fluids mixed with explosive solid, to obtain liquid explosive fuel emulsions or slurries (mixing fuel and propellant B01F2215/0086; mixing fuel and water B01F2215/0088; working-up explosives C06B21/00)	<administrative transfer to B01F 2101/34>
D	B01F 2215/0059	2	Mixing inks, toner (ink agitators B41F31/03; inks C09D11/00)	<administrative transfer to B01F 2101/35>

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D	B01F 2215/006	2	Mixing adhesives ingredients; glues; adhesive and gas (mixing ingredients of hot-melt adhesives B01F2215/0062; adhesives C09J)	<administrative transfer to B01F 2101/36>
D	B01F 2215/0062	2	Mixing ingredients of hot-melt adhesives; hot-melt adhesive and gas (adhesives C09J)	<administrative transfer to B01F 2101/36>
D	B01F 2215/0063	2	Mixing asphalt, bitumen, tar or pitch or their ingredients (working-up pitch, asphalt, bitumen C10C)	<administrative transfer to B01F 2101/38>
D	B01F 2215/0065	2	Mixing ingredients for grease, lubricating compositions (lubricating compositions C10M)	<administrative transfer to B01F 2101/39>
D	B01F 2215/0067	2	Mixing ingredients for oils, fats or waxes (producing, refining and preserving fats, fatty substances, waxes C11B)	<administrative transfer to B01F 2101/40>
D	B01F 2215/0068	2	Mixing beer or the ingredients therefore (brewing of beer C12C)	<administrative transfer to B01F 2101/15>
D	B01F 2215/007	2	Mixing wine or other alcoholic beverages; Mixing the ingredients therefore (wine aeration prior to consumption B01F2215/0072; wine, other alcoholic beverages C12G)	<administrative transfer to B01F 2101/16>
D	B01F 2215/0072	2	Aeration of wine prior to consumption (wine, other alcoholic beverages C12G)	<administrative transfer to B01F 2101/17>
D	B01F 2215/0073	2	Mixing ingredients for microbiology, enzymology, in vitro culture, genetic manipulation (apparatus for microbiology or enzymology C12M)	<administrative transfer to B01F 2101/44>
D	B01F 2215/0075	2	Mixing in metallurgical processes of ferrous or non ferrous materials (for casting metal B01F2215/0044; metallurgy of iron C21; metallurgy C22)	<administrative transfer to B01F 2101/45>
D	B01F 2215/0077	2	Mixing ingredients comprising detergents, soaps, for washing, e.g. washing machines (laundering, drying of textile articles D06F)	<administrative transfer to B01F 2101/4505>
D	B01F 2215/0078	2	Mixing ingredients for paper pulp, e.g. wood fibres, wood pulp (paper making, production of cellulose D21)	<administrative transfer to B01F 2101/47>
D	B01F 2215/008	2	Mixing water with other ingredients, e.g. air, detergents, disinfectants, in water-taps (domestic plumbing installations E03C)	<administrative transfer to B01F 2101/48>
D	B01F 2215/0081	2	Mixing ingredients for well-, earth-, deep drilling compositions or drilled material with liquids to obtain slurries (compositions for drilling C09K8/00; earth drilling E21B)	<administrative transfer to B01F 2101/49>
D	B01F 2215/0083	2	Mixing mined ingredients and liquid to obtain slurries (mining or quarrying E21C)	<administrative transfer to B01F 2101/50>
D	B01F 2215/0085	2	Mixing combustion ingredients, e.g. gases, for burners or combustion chambers (feeding or distributing fuel to combustion apparatus F23K5/00)	<administrative transfer to B01F 2101/501>
D	B01F 2215/0086	2	Mixing fuel or propellant and water or gas, e.g. air, or other fluids, e.g. liquid additives to obtain fluid fuel	<administrative transfer to B01F 2101/503>

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			(mixing fuel and prill B01F2215/0057; feeding or distributing fuel to combustion apparatus F23K5/00)	
D	B01F 2215/0088	2	Mixing fuel and water or other fluids to obtain liquid fuel emulsions (mixing fuel and prill B01F2215/0057; feeding or distributing fuel to combustion apparatus F23K5/00)	<administrative transfer to B01F 2101/505>
D	B01F 2215/009	2	Aromatizing, smell generation, sense simulation by introducing liquid in gas or air	<administrative transfer to B01F 2101/54>
D	B01F 2215/0091	2	Introducing liquid in air for air humidification	<administrative transfer to B01F 2101/55>
D	B01F 2215/0093	2	Mixing photosensitive chemicals, photographic base materials (photosensitive materials for photographic purposes G03C)	<administrative transfer to B01F 2101/56>
D	B01F 2215/0095	2	Mixing nuclear, radioactive materials (nuclear physics and engineering G21)	<administrative transfer to B01F 2101/57>
D	B01F 2215/0096	2	Mixing during semiconductor or wafer manufacturing processes (semiconductor devices H01L)	<administrative transfer to B01F 2101/58>
D	B01F 2215/0098	2	Mixing reaction ingredients for fuel cells (fuel cells H01M8/00)	<administrative transfer to B01F 2101/59>
N	B01F 21/00	0	Dissolving (separating by dissolving B01D; dissolving to effect cooling F25D 5/00)	
N	B01F 21/02	1	{Methods}	
N	B01F 21/10	1	using driven stirrers	
N	B01F 21/15	1	{comprising constructions for blocking or redispersing undissolved solids, e.g. sieves, separators or guiding constructions (B01F 21/221 takes precedence)}	
N	B01F 21/20	1	using flow mixing	
N	B01F 21/22	2	{using additional holders in conduits, containers or pools for keeping the solid material in place, e.g. supports or receptacles}	
N	B01F 21/221	3	{comprising constructions for blocking or redispersing undissolved solids}	
N	B01F 21/30	1	{Workflow diagrams or layout of plants, e.g. flow charts; Details of workflow diagrams or layout of plants, e.g. controlling means}	
N	B01F 21/40	1	{characterised by the state of the material being dissolved}	
N	B01F 21/401	2	{Molten solids}	
N	B01F 21/402	2	{characterised by the configuration, form or shape of the solid material, e.g. in the form of tablets or blocks}	
N	B01F 21/4021	3	{in the form of tablets stored in containers, canisters or receptacles}	
N	B01F 21/403	2	{Solid carbon dioxide or dry ice}	
N	B01F 21/50	1	{Elements used for separating or keeping undissolved material in the mixer}	
N	B01F 21/501	2	{Tablet canisters provided with perforated walls, sieves, grids or filters}	

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N	B01F 21/502	2	{Baffles}	
N	B01F 21/503	2	{Filters}	
N	B01F 21/504	2	{Sieves, i.e. perforated plates or walls}	
N	B01F 23/00	0	Mixing according to the phases to be mixed, e.g. dispersing or emulsifying	
N	B01F 23/02	1	{Maintaining the aggregation state of the mixed materials}	
N	B01F 23/021	2	{Maintaining mixed ingredients in movement to prevent crystalisation of the ingredients after mixing}	
N	B01F 23/022	2	{Preventing precipitation of solid ingredients during or after mixing by adding a solvent}	
N	B01F 23/023	2	{Preventing sedimentation, conglomeration or agglomeration of solid ingredients during or after mixing by maintaining mixed ingredients in movement}	
N	B01F 23/024	2	{Maintaining mixed ingredients in movement to prevent separation of the ingredients after mixing}	
N	B01F 23/04	1	{Specific aggregation state of one or more of the phases to be mixed}	
N	B01F 23/041	2	{Mixing ingredients in more than two different agglomeration states, phases}	
N	B01F 23/042	2	{Mixing cryogenic aerosols, i.e. mixtures of gas with solid particles in cryogenic condition, with other ingredients}	
N	B01F 23/043	2	{Mixing fluids or with fluids in a supercritical state, in supercritical conditions or variable density fluids}	
N	B01F 23/06	1	{Mixing phases by adding a very small quantity of one of the phases or microdosing}	
N	B01F 23/061	2	{Adding a small quantity or concentration of an additional phase in a main phase, e.g. acting as a carrier phase}	
N	B01F 23/062	2	{Mixing ingredients in very small quantity, adding microingredients or microconcentration, e.g. adding vitamins, minerals, proteins, enzymes, hormones, antibiotics or worm medicines}	
N	B01F 23/09	1	{Mixing systems, i.e. flow charts or diagrams for components having more than two different of undetermined agglomeration states, e.g. supercritical states}	
N	B01F 23/10	1	Mixing gases with gases	
N	B01F 23/12	2	{with vaporisation of a liquid (disinfection, sterilisation or deodorisation of air A61L 9/00)}	
N	B01F 23/14	2	{with moving mixing elements, e.g. with liquid seal}	
N	B01F 23/19	2	{Mixing systems, i.e. flow charts or diagrams; Arrangements, e.g. comprising controlling means}	
N	B01F 23/191	3	{characterised by the construction of the controlling means}	
N	B01F 23/20	1	Mixing gases with liquids	
N	B01F 23/21	2	by introducing liquids into gaseous media	

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N	B01F 23/211	3	{Methods}	
N	B01F 23/213	3	by spraying or atomising of the liquids	
N	B01F 23/2131	4	{using rotating elements, e.g. rolls or brushes}	
N	B01F 23/21311	5	{for spraying the liquid radially by centrifugal force}	
N	B01F 23/21312	5	{with additional rotating elements mounted on the same axis, e.g. fans, for moving the gas}	
N	B01F 23/2132	4	{using nozzles}	
N	B01F 23/21321	5	{High pressure atomization, i.e. the liquid is atomized and sprayed by a jet at high pressure}	
N	B01F 23/21322	5	{Internal mixer atomization, i.e. liquid and gas are mixed and atomized in a jet nozzle before spraying}	
N	B01F 23/2133	4	{using electric, sonic or ultrasonic energy}	
N	B01F 23/214	3	{using a gas-liquid mixing column or tower}	
N	B01F 23/215	3	{by forcing the gas through absorbent pads containing the liquid}	
N	B01F 23/216	3	{by using liquefied or cryogenic gases as liquid component}	
N	B01F 23/23	2	by introducing gases into liquid media, e.g. for producing aerated liquids	
N	B01F 23/231	3	by bubbling (mixers with gas or liquid agitation, e.g. with air supply tubes B01F 33/40)	
N	B01F 23/23105	4	{Arrangement or manipulation of the gas bubbling devices}	
N	B01F 23/2311	5	{Mounting the bubbling devices or the diffusers}	
N	B01F 23/23112	6	{comprising the use of flow guiding elements adjacent or above the gas stream}	
N	B01F 23/231121	7	{the flow guiding elements being baffles, tubes or walls}	
N	B01F 23/231122	7	{the flow guiding elements being dome-shaped elements, i.e. for trapping air, e.g. cap-, umbrella- or inversed cone-shaped}	
N	B01F 23/23113	6	{characterised by the disposition of the bubbling elements in particular configurations, patterns or arrays}	
N	B01F 23/23114	6	{characterised by the way in which the different elements of the bubbling installation are mounted}	
N	B01F 23/231141	7	{Mounting auxiliary devices, e.g. pumps or compressors in a particular place on the bubbling installation, e.g. under water}	
N	B01F 23/231142	7	{Mounting the gas transporting elements, i.e. connections between conduits}	
N	B01F 23/231143	7	{Mounting the bubbling elements or diffusors, e.g. on conduits, using connecting elements; Connections therefor}	
N	B01F 23/23115	6	{characterised by the way in which the bubbling devices are mounted within the receptacle}	
N	B01F 23/231151	7	{the bubbling devices being fixed or anchored in the bottom}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 23/231152	7	{the bubbling devices being supported, e.g. on cables or laying on the bottom}	
N	B01F 23/231153	7	{the bubbling devices being suspended on a supporting construction, i.e. not on a floating construction}	
N	B01F 23/231154	7	{the bubbling devices being provided with ballast to keep them floating under the surface, i.e. when the bubbling devices are lighter than the liquid}	
N	B01F 23/231155	7	{the bubbling devices floating and having a pendulum movement, going to and from or moving in alternating directions}	
N	B01F 23/231156	7	{the bubbling devices floating and having a rotating movement around a central vertical axis}	
N	B01F 23/23116	6	{Means for manipulating the bubbling constructions or elements, e.g. for raising or lowering them}	
Q	B01F 23/2312	5	{Diffusers}	B01F 23/2312, B01F 23/23121, B01F 23/23122, B01F 23/23123, B01F 23/231231, B01F 23/231232, B01F 23/231233, B01F 23/23124, B01F 23/231241, B01F 23/231242, B01F 23/231243, B01F 23/231244, B01F 23/231245, B01F 23/23125, B01F 23/23126, B01F 23/231261, B01F 23/231262, B01F 23/231263, B01F 23/231264, B01F 23/231265, B01F 23/231266, B01F 23/231267, B01F 23/231268, B01F 23/231269, B01F 23/23127
N	B01F 23/23121	6	{having injection means, e.g. nozzles with circumferential outlet}	
N	B01F 23/23122	6	{having elements opening under air pressure, e.g. valves}	
Q	B01F 23/23123	6	{consisting of rigid porous or perforated material}	B01F 23/23123, B01F 23/23124, B01F 23/231241, B01F 23/231242, B01F 23/231243, B01F 23/231244, B01F 23/231245
Q	B01F 23/231231	7	{the outlets being in the form of perforations}	B01F 23/231231, B01F 23/231241, B01F 23/231242
Q	B01F 23/231232	8	{in the form of slits or cut-out openings}	B01F 23/231232, B01F 23/231242
Q	B01F 23/231233	7	{comprising foam-like gas outlets}	B01F 23/231233, B01F 23/231243
N	B01F 23/23124	6	{consisting of flexible porous or perforated material, e.g. fabric}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 23/231241	7	{the outlets being in the form of perforations}	
N	B01F 23/231242	8	{in the form of slits or cut-out openings}	
N	B01F 23/231243	7	{comprising foam-like gas outlets}	
N	B01F 23/231244	7	{Dissolving, hollow fiber membranes}	
N	B01F 23/231245	7	{Fabric in the form of woven, knitted, braided, non-woven or flocculated fibers or filaments}	
N	B01F 23/23125	6	{characterised by the way in which they are assembled or mounted; Fabricating the parts of the diffusers}	
N	B01F 23/23126	6	{characterised by the shape of the diffuser element}	
N	B01F 23/231261	7	{having a box- or block-shape, being in the form of aeration stones}	
N	B01F 23/231262	7	{having disc shape}	
N	B01F 23/231263	7	{having dome-, cap- or inversed cone-shape}	
N	B01F 23/231264	7	{being in the form of plates, flat beams, flat membranes or films}	
N	B01F 23/231265	7	{being tubes, tubular elements, cylindrical elements or set of tubes}	
N	B01F 23/231266	7	{being in the form of rings or annular elements}	
N	B01F 23/231267	7	{being axially stacked discs, rings or plates}	
N	B01F 23/231268	7	{being helically wound, coiled and joined bands or wires}	
N	B01F 23/231269	7	{being spirally wound, coiled tubes or spirally wound, coiled and joined bands or wires}	
N	B01F 23/23127	7	{Screens, nets, grades or grids}	
N	B01F 23/23128	6	{having specific properties or elements attached thereto}	
N	B01F 23/231281	7	{made of or comprising a biocide}	
N	B01F 23/231282	7	{made of or comprising a material able to store a gas which is released when water flows through it}	
N	B01F 23/231283	7	{having elements to protect the parts of the diffusers, e.g. from clogging when not in use}	
N	B01F 23/2319	3	{Methods of introducing gases into liquid media}	
Q	B01F 23/232	3	using flow-mixing means for introducing the gases, e.g. baffles	B01F 23/232, B01F 23/2326
N	B01F 23/2321	4	{by moving liquid and gas in counter current}	
N	B01F 23/23211	5	{the liquid flowing in a thin film to absorb the gas}	
N	B01F 23/232111	6	{the liquid film or layer flowing over a horizontal or inclined surface, e.g. perforated}	
N	B01F 23/232112	6	{the liquid film or layer flowing over a vertical surface, e.g. a mesh}	
N	B01F 23/2322	4	{using columns, e.g. multi-staged columns}	
N	B01F 23/2323	4	{by circulating the flow in guiding constructions or conduits}	
N	B01F 23/23231	5	{being at least partially immersed in the liquid, e.g. in a closed circuit}	
N	B01F 23/232311	6	{the conduits being vertical draft pipes with a lower intake end and an upper exit end}	

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N	B01F 23/232312	6	{the guiding constructions being baffles for guiding the flow up-and-down or from left-to-right}	
N	B01F 23/2326	4	adding the flowing main component by suction means, e.g. using an ejector	
N	B01F 23/233	3	using driven stirrers with completely immersed stirring elements	
N	B01F 23/2331	4	{characterised by the introduction of the gas along the axis of the stirrer or along the stirrer elements}	
N	B01F 23/23311	5	{through a hollow stirrer axis}	
N	B01F 23/23312	5	{through a conduit surrounding the stirrer axis}	
N	B01F 23/23313	5	{through a separate conduit substantially parallel with the stirrer axis}	
N	B01F 23/23314	5	{through a hollow stirrer element}	
N	B01F 23/23315	5	{through a hollow guide surrounding the stirrer element}	
N	B01F 23/23316	5	{through a separate hollow guide substantially parallel with the stirrer element}	
N	B01F 23/2332	4	{the stirrer rotating about a horizontal axis; Stirrers therefor}	
N	B01F 23/2333	4	{Single stirrer-drive aerating units, e.g. with the stirrer-head pivoting around an horizontal axis}	
N	B01F 23/2334	4	{provided with stationary guiding means surrounding at least partially the stirrer}	
N	B01F 23/23341	5	{with tubes surrounding the stirrer}	
N	B01F 23/23342	5	{the stirrer being of the centrifugal type, e.g. with a surrounding stator}	
N	B01F 23/2335	4	{characterised by the direction of introduction of the gas relative to the stirrer}	
N	B01F 23/23351	5	{the gas moving along the axis of rotation}	
N	B01F 23/23352	5	{the gas moving perpendicular to the axis of rotation}	
N	B01F 23/23353	5	{the gas being sucked towards the rotating stirrer}	
N	B01F 23/23354	5	{the gas being driven away from the rotating stirrer}	
N	B01F 23/2336	4	{characterised by the location of the place of introduction of the gas relative to the stirrer}	
N	B01F 23/23361	5	{the gas being introduced in a guide tube surrounding at least partially the axis of the stirrer}	
N	B01F 23/23362	5	{the gas being introduced under the stirrer}	
N	B01F 23/23363	5	{the gas being introduced above the stirrer}	
N	B01F 23/23364	5	{the gas being introduced between the stirrer elements}	
N	B01F 23/233641	6	{at the stirrer axis}	
N	B01F 23/233642	6	{at the stirrer elements}	
N	B01F 23/23365	5	{the gas being introduced at the radial periphery of the stirrer}	
N	B01F 23/23366	5	{the gas being introduced in front of the stirrer}	
N	B01F 23/23367	5	{the gas being introduced behind the stirrer}	
N	B01F 23/234	3	Surface aerating	

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N	B01F 23/2341	4	{by cascading, spraying or projecting a liquid into a gaseous atmosphere (B01F 23/2342 takes precedence)}	
N	B01F 23/23411	5	{by cascading the liquid}	
N	B01F 23/23412	5	{using liquid falling from orifices in a gaseous atmosphere, the orifices being exits from perforations, tubes or chimneys}	
N	B01F 23/23413	5	{using nozzles for projecting the liquid into the gas atmosphere}	
N	B01F 23/2342	4	{with stirrers near to the liquid surface, e.g. partially immersed, for spraying the liquid in the gas or for sucking gas into the liquid, e.g. using stirrers rotating around a horizontal axis or using centrifugal force}	
N	B01F 23/23421	5	{the stirrers rotating about a vertical axis}	
N	B01F 23/234211	6	{Stirrers thereof}	
N	B01F 23/235	3	for making foam	
N	B01F 23/2351	4	{using driven stirrers}	
N	B01F 23/236	3	specially adapted for aerating or carbonating beverages	
N	B01F 23/2361	4	within small containers, e.g. within bottles	
N	B01F 23/23611	5	{Portable appliances comprising a gas cartridge}	
N	B01F 23/2362	4	{for aerating or carbonating within receptacles or tanks, e.g. distribution machines (B01F 23/2361 takes precedence)}	
N	B01F 23/2363	4	{Mixing systems, i.e. flow charts or diagrams; Arrangements, e.g. comprising controlling means}	
N	B01F 23/2364	4	{using security elements, e.g. valves, for relieving overpressure}	
N	B01F 23/2366	3	{Parts; Accessories}	
N	B01F 23/2368	4	{Mixing receptacles, e.g. tanks, vessels or reactors, being completely closed, e.g. hermetically closed}	
N	B01F 23/237	3	characterised by the physical or chemical properties of gases or vapours introduced in the liquid media	
Q	B01F 23/2373	4	for obtaining fine bubbles, i.e. bubbles with a size below 100 µm	B01F 23/2373, B01F 23/2375
N	B01F 23/2375	5	for obtaining bubbles with a size below 1 µm	
Q	B01F 23/2376	4	{characterised by the gas being introduced}	B01F 23/2376, B01F 23/23761, B01F 23/237611, B01F 23/237612, B01F 23/237613, B01F 23/23762, B01F 23/237621, B01F 23/23763, B01F 23/23764, B01F 23/23765, B01F 23/23766, B01F 23/23767
N	B01F 23/23761	5	{Aerating, i.e. introducing oxygen containing gas in liquids}	
N	B01F 23/237611	6	{Air}	
N	B01F 23/237612	6	{Oxygen}	
N	B01F 23/237613	6	{Ozone}	
N	B01F 23/23762	5	{Carbon dioxide}	

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N	B01F 23/237621	6	{in beverages}	
N	B01F 23/23763	5	{Chlorine or chlorine containing gases}	
N	B01F 23/23764	5	{Hydrogen}	
N	B01F 23/23765	5	{Nitrogen}	
N	B01F 23/23766	5	{Sulphur containing gas}	
N	B01F 23/23767	5	{Introducing steam or damp in liquids}	
N	B01F 23/238	3	{using vibrations, electrical or magnetic energy, radiations}	
N	B01F 23/29	2	{Mixing systems, i.e. flow charts or diagrams}	
N	B01F 23/291	3	{for obtaining foams or aerosols}	
N	B01F 23/30	1	Mixing gases with solids	
N	B01F 23/32	2	{by introducing solids in gas volumes}	
N	B01F 23/34	2	{by introducing gases in solid materials, e.g. in masses of powder or particles}	
N	B01F 23/341	3	{by introducing steam, e.g. for wetting the solids}	
N	B01F 23/36	2	{by mixing in fluidised bed state}	
N	B01F 23/39	2	{Mixing systems, i.e. flow charts or diagrams}	
N	B01F 23/40	1	Mixing liquids with liquids; Emulsifying	
N	B01F 23/405	2	{Methods of mixing liquids with liquids (B01F 23/4105 takes precedence)}	
N	B01F 23/41	2	Emulsifying	
N	B01F 23/4105	3	{Methods of emulsifying}	
N	B01F 23/411	3	using electrical or magnetic fields, heat or vibrations	
N	B01F 23/4111	4	{using vibrations}	
N	B01F 23/413	3	{Homogenising a raw emulsion or making monodisperse or fine emulsions}	
N	B01F 23/414	3	{characterised by the internal structure of the emulsion}	
N	B01F 23/4141	4	{High internal phase ratio [HIPR] emulsions, e.g. having high percentage of internal phase, e.g. higher than 60-90 % of water in oil [W/O]}	
N	B01F 23/4142	4	{Inversed-type emulsions}	
N	B01F 23/4143	4	{Microemulsions}	
N	B01F 23/4144	4	{Multiple emulsions, in particular double emulsions, e.g. water in oil in water; Three-phase emulsions}	
N	B01F 23/4145	4	{Emulsions of oils, e.g. fuel, and water}	
N	B01F 23/4146	4	{Emulsions including solid particles, e.g. as solution or dispersion, i.e. molten material or material dissolved in a solvent or dispersed in a liquid}	
N	B01F 23/43	2	using driven stirrers	
N	B01F 23/431	3	{the liquids being introduced from the outside through or along the axis of a rotating stirrer, e.g. the stirrer rotating due to the reaction of the introduced liquid}	
N	B01F 23/45	2	using flow mixing	
N	B01F 23/451	3	by injecting one liquid into another	
N	B01F 23/452	3	{by uniting flows taken from different parts of a receptacle or silo; Sandglass-type mixing (for particulate material B01F 25/80)}	

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N	B01F 23/453	3	{by moving the liquids in countercurrent}	
N	B01F 23/454	3	by injecting a mixture of liquid and gas	
N	B01F 23/47	2	involving high-viscosity liquids, e.g. asphalt	
N	B01F 23/471	3	{using a very viscous liquid and a liquid of low viscosity}	
N	B01F 23/48	2	{characterised by the nature of the liquids (B01F 23/47 takes precedence)}	
N	B01F 23/481	3	{using liquefied or cryogenic gases}	
N	B01F 23/482	3	{using molten solids}	
N	B01F 23/483	3	{using water for diluting a liquid ingredient, obtaining a predetermined concentration or making an aqueous solution of a concentrate}	
N	B01F 23/49	2	{Mixing systems, i.e. flow charts or diagrams}	
N	B01F 23/50	1	Mixing liquids with solids (displacing one liquid by another in dispersions of solids in liquids B01D 12/00)	
N	B01F 23/51	2	{Methods thereof}	
N	B01F 23/511	3	{characterised by the composition of the liquids or solids}	
N	B01F 23/53	2	using driven stirrers	
N	B01F 23/54	2	{wetting solids}	
N	B01F 23/55	2	{the mixture being submitted to electrical, sonic or similar energy}	
N	B01F 23/551	3	{using vibrations}	
N	B01F 23/56	2	{by introducing solids in liquids, e.g. dispersing or dissolving}	
N	B01F 23/565	2	{by introducing liquids in solid material, e.g. to obtain slurries}	
N	B01F 23/566	3	{by introducing liquids in a fluidised bed}	
N	B01F 23/57	2	Mixing high-viscosity liquids with solids	
N	B01F 23/58	2	{characterised by the nature of the liquid (B01F 23/57 takes precedence)}	
N	B01F 23/581	3	{Mixing liquids with solids, slurries or sludge, for obtaining a diluted slurry}	
N	B01F 23/582	3	{Mixing foam with solids}	
N	B01F 23/59	2	{Mixing systems, i.e. flow charts or diagrams}	
N	B01F 23/60	1	Mixing solids with solids	
N	B01F 23/62	2	using a receptacle with a bottom discharge with oscillating or vibrating opening and closing elements; using a receptacle with a bottom discharge with elements fitted on moving chains	
N	B01F 23/64	2	using rotatable mixing elements at the lower end of discharge hoppers	
N	B01F 23/66	2	{by evaporating or liquefying at least one of the components; using a fluid which is evaporated after mixing}	
N	B01F 23/69	2	{Mixing systems, i.e. flow charts or diagrams; Arrangements, e.g. comprising controlling means}	

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N	B01F 23/70	1	Pre-treatment of the materials to be mixed	
N	B01F 23/701	2	{Coating solid materials}	
N	B01F 23/702	2	{Cooling materials}	
N	B01F 23/703	2	{Degassing or de-aerating materials; Replacing one gas within the materials by another gas}	
N	B01F 23/704	2	{Drying materials, e.g. in order to mix them in solid state}	
N	B01F 23/705	2	{Submitting materials to electrical energy fields to charge or ionize them}	
N	B01F 23/706	2	{Evaporating solvents or dispersion liquids, e.g. water, at least partially}	
N	B01F 23/707	2	{Extracting materials to be mixed from a stream of fluid or from a solid containing them, e.g. by adsorption, absorption or distillation}	
N	B01F 23/708	2	{Filtering materials}	
N	B01F 23/709	2	{Freezing materials, e.g. to mix them in solid state}	
N	B01F 23/71	2	{Grinding materials}	
N	B01F 23/711	2	{Heating materials, e.g. melting}	
N	B01F 23/712	2	{Irradiating materials}	
N	B01F 23/713	2	{Sieving materials}	
N	B01F 23/80	1	After-treatment of the mixture	
N	B01F 23/801	2	{Coating the solid mixture}	
N	B01F 23/802	2	{Cooling the mixture}	
N	B01F 23/803	2	{Venting, degassing or ventilating of gases, fumes or toxic vapours from the mixture}	
N	B01F 23/804	2	{Drying the mixture}	
N	B01F 23/805	2	{Submitting a mixture to electrical energy fields, e.g. corona discharge}	
N	B01F 23/806	2	{Evaporating a carrier, e.g. liquid carbon dioxide used to dissolve, disperse, emulsify or other components that are difficult to be mixed; Evaporating liquid components}	
N	B01F 23/807	2	{Extracting components from the mixture, e.g. by adsorption, absorption or distillation}	
N	B01F 23/808	2	{Filtering the mixture}	
N	B01F 23/809	2	{Freezing the mixture}	
N	B01F 23/81	2	{Grinding the mixture}	
N	B01F 23/811	2	{Heating the mixture}	
N	B01F 23/812	2	{Irradiating the mixture}	
N	B01F 25/00	0	Flow mixers; Mixers for falling materials, e.g. solid particles (centrifugal mixers B04)	
N	B01F 25/10	1	Mixing by creating a vortex flow, e.g. by tangential introduction of flow components	
N	B01F 25/101	2	{wherein the vortex flows in a spherical shaped receptacle or chamber}	

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N	B01F 25/102	2	{wherein the vortex is created by two or more jets introduced tangentially in separate mixing chambers or consecutively in the same mixing chamber}	
N	B01F 25/103	2	{with additional mixing means other than vortex mixers, e.g. the vortex chamber being positioned in another mixing chamber}	
N	B01F 25/104	2	{characterised by the arrangement of the discharge opening}	
N	B01F 25/1041	3	{the mixing chamber being vertical with the outlet tube at its upper side}	
N	B01F 25/1042	3	{the mixing chamber being vertical and having an outlet tube at its bottom whose inlet is at a higher level than the inlet of the vortex creating jet, e.g. the jet being introduced at the bottom of the mixing chamber}	
N	B01F 25/105	1	{Mixing heads, i.e. compact mixing units or modules, using mixing valves for feeding and mixing at least two components}	
N	B01F 25/1051	2	{of the mixing valve type}	
N	B01F 25/12	1	{Interdigital mixers, i.e. the substances to be mixed are divided in sub-streams which are rearranged in an interdigital or interspersed manner (micromixers using interdigital streams B01F 33/3012)}	
N	B01F 25/14	1	{Mixing drops, droplets or bodies of liquid which flow together or contact each other (micromixers using where the materials to be mixed are in the form of droplets B01F 33/302)}	
N	B01F 25/20	1	Jet mixers, i.e. mixers using high-speed fluid streams (using jets to create vortex flow B01F 25/10)	
N	B01F 25/21	2	with submerged injectors, e.g. nozzles, for injecting high-pressure jets into a large volume or into mixing chambers	
N	B01F 25/211	3	{the injectors being surrounded by guiding tubes}	
N	B01F 25/212	3	{the injectors being movable, e.g. rotating}	
N	B01F 25/2121	4	{Pivoting or oscillating in a multidirectional way during jetting}	
N	B01F 25/2122	4	{Rotating during jetting}	
N	B01F 25/2123	4	{being vertically moved to bring the injector in or out of operative position}	
N	B01F 25/2124	4	{being moved or transported between different locations during jetting}	
N	B01F 25/2125	4	{Moving to adjust the direction of jetting, the injectors being fixed during operation}	
N	B01F 25/23	2	Mixing by intersecting jets	
N	B01F 25/231	3	{the intersecting jets having the configuration of sheets, cylinders or cones}	
N	B01F 25/25	2	Mixing by jets impinging against collision plates	
N	B01F 25/27	2	Mixing by jetting components into a conduit for agitating its contents	

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N	B01F 25/28	2	{characterised by the specific design of the jet injector}	
N	B01F 25/281	3	{the jet injector being of the explosive rapid expansion of supercritical solutions [RESS] or fluid injection of molecular spray [FIMS] type, i.e. the liquid is jetted in an environment (gas or liquid) by nozzles, in conditions of significant pressure drop, with the possible generation of shock waves}	
N	B01F 25/282	3	{the jet injector being of Coanda-type, i.e. having a surface to attract the jet for adjusting its direction}	
N	B01F 25/30	1	Injector mixers (mixing by creating vortex flow B01F 25/10)	
N	B01F 25/305	2	{the additional component being axially fed and radially discharged through a circumferential outlet}	
N	B01F 25/31	2	in conduits or tubes through which the main component flows	
N	B01F 25/311	3	{for mixing more than two components; Devices specially adapted for generating foam}	
N	B01F 25/3111	4	{Devices specially adapted for generating foam, e.g. air foam}	
N	B01F 25/31112	5	{with additional mixing means other than injector mixers, e.g. screen or baffles (B01F 25/31113 takes precedence)}	
N	B01F 25/31113	5	{with rotating elements, e.g. driven by one of the components for feeding or by the resulting mixture for additional mixing}	
N	B01F 25/31114	5	{with means for introducing an additional component, e.g. in predetermined proportion or in the main component}	
N	B01F 25/312	3	with Venturi elements; Details thereof	
N	B01F 25/3121	4	{with additional mixing means other than injector mixers, e.g. screens, baffles or rotating elements}	
N	B01F 25/3122	4	{the material flowing at a supersonic velocity thereby creating shock waves}	
N	B01F 25/3123	4	{with two or more Venturi elements}	
N	B01F 25/31231	5	{used alternatively}	
N	B01F 25/31232	5	{used simultaneously}	
N	B01F 25/31233	5	{used successively}	
N	B01F 25/3124	4	{characterised by the place of introduction of the main flow}	
N	B01F 25/31241	5	{the main flow being injected in the circumferential area of the venturi, creating an aspiration in the central part of the conduit}	
N	B01F 25/31242	5	{the main flow being injected in the central area of the venturi, creating an aspiration in the circumferential part of the conduit (B01F 25/31243 takes precedence)}	

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N	B01F 25/31243	5	{Eductor or eductor-type venturi, i.e. the main flow being injected through the venturi with high speed in the form of a jet}	
N	B01F 25/3125	4	{characteristics of the Venturi parts}	
N	B01F 25/31251	5	{Throats}	
N	B01F 25/312511	6	{Adjustable Venturi throat}	
N	B01F 25/312512	6	{Profiled, grooved, ribbed throat, or being provided with baffles}	
N	B01F 25/31252	5	{Nozzles}	
N	B01F 25/312521	6	{Adjustable Venturi nozzle}	
N	B01F 25/312522	6	{Profiled, grooved, ribbed nozzle, or being provided with baffles}	
N	B01F 25/31253	5	{Discharge}	
N	B01F 25/312531	6	{Adjustable discharge conduit or barrel, e.g. adjustable in width}	
N	B01F 25/312532	6	{Profiled, grooved, ribbed discharge conduit, or being provided with baffles}	
N	B01F 25/312533	6	{Constructional characteristics of the diverging discharge conduit or barrel, e.g. with zones of changing conicity}	
N	B01F 25/313	3	wherein additional components are introduced in the centre of the conduit	
N	B01F 25/3131	4	{with additional mixing means other than injector mixers, e.g. screens, baffles or rotating elements}	
N	B01F 25/3132	4	{by using two or more injector devices}	
N	B01F 25/31321	5	{used alternatively}	
N	B01F 25/31322	5	{used simultaneously}	
N	B01F 25/31323	5	{used successively}	
N	B01F 25/31324	5	{arranged concentrically}	
N	B01F 25/3133	4	{characterised by the specific design of the injector}	
N	B01F 25/31331	5	{Perforated, multi-opening, with a plurality of holes}	
N	B01F 25/313311	6	{Porous injectors}	
N	B01F 25/31332	5	{Ring, torus, toroidal or coiled configurations}	
N	B01F 25/31333	5	{Rotatable injectors}	
N	B01F 25/31334	5	{the opening for introducing the supplementary stream being a slit}	
N	B01F 25/314	3	wherein additional components are introduced at the circumference of the conduit	
N	B01F 25/3141	4	{with additional mixing means other than injector mixers}	
N	B01F 25/3142	4	{the conduit having a plurality of openings in the axial direction or in the circumferential direction}	
N	B01F 25/31421	5	{the conduit being porous}	
N	B01F 25/31422	5	{with a plurality of perforations in the axial direction only}	
N	B01F 25/31423	5	{with a plurality of perforations in the circumferential direction only and covering the whole circumference}	

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N	B01F 25/314231	6	{the perforations being a complete cut-out in the circumferential direction covering the whole diameter of the tube, i.e. having two consecutive tubes placed consecutively, the additional component being introduced between them}	
N	B01F 25/31424	5	{with a plurality of perforations aligned in a row perpendicular to the flow direction}	
N	B01F 25/31425	5	{with a plurality of perforations in the axial and circumferential direction covering the whole surface}	
N	B01F 25/3143	4	{characterised by the specific design of the injector}	
N	B01F 25/31431	5	{being a slit extending in the longitudinal direction only}	
N	B01F 25/31432	5	{being a slit extending in the circumferential direction only}	
N	B01F 25/31433	5	{being rotatable, e.g. placed on a rotatable housing or conduit}	
N	B01F 25/31434	5	{being a bundle of similar tubes, each of them having feedings on the circumferential wall, e.g. as mixer for a reactor}	
N	B01F 25/315	3	wherein a difference of pressure at different points of the conduit causes introduction of the additional component into the main component (B01F 25/316 takes precedence)	
N	B01F 25/316	3	with containers for additional components fixed to the conduit	
N	B01F 25/32	2	wherein the additional components are added in a by-pass of the main flow	
N	B01F 25/40	1	Static mixers (colloid-mills B02C; mixing valves F16K11/00)	
N	B01F 25/41	2	Mixers of the fractal type	
N	B01F 25/42	2	in which the mixing is affected by moving the components jointly in changing directions, e.g. in tubes provided with baffles or obstructions	
N	B01F 25/421	3	by moving the components in a convoluted or labyrinthine path (B01F 25/433 takes precedence)	
N	B01F 25/422	4	between stacked plates, e.g. grooved or perforated plates	
N	B01F 25/423	4	{by means of elements placed in the receptacle for moving or guiding the components}	
N	B01F 25/4231	5	{using baffles}	
N	B01F 25/4232	5	{using dams}	
N	B01F 25/4233	5	{using plates with holes, the holes being displaced from one plate to the next one to force the flow to make a bending movement}	
N	B01F 25/43	3	Mixing tubes, e.g. wherein the material is moved in a radial or partly reversed direction	

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Q	B01F 25/431	4	Straight mixing tubes with baffles or obstructions that do not cause substantial pressure drop; Baffles therefor	B01F 25/431, B01F 25/4311, B01F 25/4312, B01F 25/4313, B01F 25/4314, B01F 25/43141, B01F 25/4315, B01F 25/43151, B01F 25/4316, B01F 25/43161, B01F 25/43162, B01F 25/43163, B01F 25/4317, B01F 25/43171, B01F 25/43172, B01F 25/4318, B01F 25/4319, B01F 25/43195, B01F 25/431951, B01F 25/431952, B01F 25/43197, B01F 25/431971, B01F 25/431972, B01F 25/431973, B01F 25/431974
N	B01F 25/4311	5	{the baffles being adjustable}	
N	B01F 25/4312	5	{having different kinds of baffles, e.g. plates alternating with screens}	
N	B01F 25/4313	5	{comprising a plurality of stacked ducts having their axes parallel to the tube axis}	
N	B01F 25/4314	5	with helical baffles	
N	B01F 25/43141	6	{composed of consecutive sections of helical formed elements}	
Q	B01F 25/4315	5	{the baffles being deformed flat pieces of material (B01F 25/4314 takes precedence)}	B01F 25/4315, B01F 25/43151, B01F 25/4314, B01F 25/43141
N	B01F 25/43151	6	{composed of consecutive sections of deformed flat pieces of material}	
Q	B01F 25/4316	5	{the baffles being flat pieces of material, e.g. intermeshing, fixed to the wall or fixed on a central rod}	B01F 25/4316, B01F 25/43161
N	B01F 25/43161	6	{composed of consecutive sections of flat pieces of material}	
N	B01F 25/43162	6	{Assembled flat elements}	
N	B01F 25/43163	6	{in the form of small flat plate-like elements}	
N	B01F 25/4317	5	{Profiled elements, e.g. profiled blades, bars, pillars, columns or chevrons}	
N	B01F 25/43171	6	{Profiled blades, wings, wedges, i.e. plate-like element having one side or part thicker than the other}	
N	B01F 25/43172	6	{Profiles, pillars, chevrons, i.e. long elements having a polygonal cross-section}	
N	B01F 25/4318	5	{Ring-shaped blades or strips}	
N	B01F 25/4319	5	{Tubular elements}	
N	B01F 25/43195	5	{Wires or coils}	
N	B01F 25/431951	6	{Spirally-shaped baffle}	
N	B01F 25/431952	7	{Conical or pyramidal elements}	

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N	B01F 25/43197	5	{characterised by the mounting of the baffles or obstructions}	
N	B01F 25/431971	6	{Mounted on the wall}	
N	B01F 25/431972	6	{Mounted on an axial support member, e.g. a rod or bar}	
N	B01F 25/431973	6	{Mounted on a support member extending transversally through the mixing tube}	
N	B01F 25/431974	6	{Support members, e.g. tubular collars, with projecting baffles fitted inside the mixing tube or adjacent to the inner wall}	
N	B01F 25/432	4	with means for dividing the material flow into separate sub-flows and for repositioning and recombining these sub-flows; Cross-mixing, e.g. conducting the outer layer of the material nearer to the axis of the tube or vice-versa	
N	B01F 25/4321	5	{the subflows consisting of at least two flat layers which are recombined, e.g. using means having restriction or expansion zones}	
N	B01F 25/43211	6	{using a simple by-pass for separating and recombining the flow, e.g. by using branches of different length}	
N	B01F 25/4322	5	{essentially composed of stacks of sheets, e.g. corrugated sheets}	
N	B01F 25/4323	5	{using elements provided with a plurality of channels or using a plurality of tubes which can either be placed between common spaces or collectors}	
N	B01F 25/43231	6	{the channels or tubes crossing each other several times}	
N	B01F 25/433	4	Mixing tubes wherein the shape of the tube influences the mixing, e.g. mixing tubes with varying cross-section or provided with inwardly extending profiles	
N	B01F 25/4331	5	{Mixers with bended, curved, coiled, wounded mixing tubes or comprising elements for bending the flow}	
N	B01F 25/4332	5	{Mixers with a strong change of direction in the conduit for homogenizing the flow}	
N	B01F 25/4333	5	{Mixers with scallop-shaped tubes or surfaces facing each other}	
N	B01F 25/4334	5	{Mixers with a converging cross-section}	
N	B01F 25/4335	5	{Mixers with a converging-diverging cross-section}	
N	B01F 25/4336	5	{Mixers with a diverging cross-section}	
N	B01F 25/4337	5	{Mixers with a diverging-converging cross-section}	
N	B01F 25/4338	5	{Mixers with a succession of converging-diverging cross-sections, i.e. undulating cross-section}	
N	B01F 25/434	4	Mixing tubes comprising cylindrical or conical inserts provided with grooves or protrusions	
N	B01F 25/4341	5	{the insert being provided with helical grooves}	
N	B01F 25/4342	5	{the insert being provided with a labyrinth of grooves or a distribution of protrusions}	
N	B01F 25/435	4	Mixing tubes composed of concentric tubular members	

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N	B01F 25/438	2	{with movable slits formed between reciprocating surfaces}	
N	B01F 25/44	2	Mixers in which the components are pressed through slits	
N	B01F 25/441	3	characterised by the configuration of the surfaces forming the slits	
N	B01F 25/4412	4	{the slits being formed between opposed planar surfaces, e.g. pushed again each other by springs}	
N	B01F 25/44121	5	{with a plurality of parallel slits, e.g. formed between stacked plates}	
N	B01F 25/4413	4	{the slits being formed between opposed conical or cylindrical surfaces}	
N	B01F 25/4414	4	{the slits being formed between the balls and the seats of a bearing-like construction}	
N	B01F 25/4415	4	{the slits being formed between the helical windings of a spring-like construction or by deforming a spring}	
N	B01F 25/4416	4	{the opposed surfaces being provided with grooves}	
N	B01F 25/44161	5	{Axial grooves formed on opposed surfaces, e.g. on cylinders or cones}	
N	B01F 25/44162	5	{Circumferential grooves formed on opposed surfaces, e.g. on planar surfaces or on cylinders or cones}	
N	B01F 25/44163	5	{Helical grooves formed on opposed surfaces, e.g. on cylinders or cones}	
N	B01F 25/44164	5	{Crossing sets of grooves forming a labyrinth formed on opposed surfaces, e.g. on planar surfaces or on cylinders or cones}	
N	B01F 25/44165	5	{Radial grooves formed on opposed surfaces, e.g. on planar surfaces}	
N	B01F 25/44166	5	{Spiral grooves formed on opposed surfaces, e.g. on planar surfaces}	
N	B01F 25/44167	5	{the grooves being formed on the outer surface of the cylindrical or conical core of the slits}	
N	B01F 25/44168	5	{the grooves being formed on the inner surface of the cylindrical or conical housing of the slits}	
N	B01F 25/442	3	characterised by the relative position of the surfaces during operation	
N	B01F 25/4421	4	{the surfaces being maintained in a fixed position, spaced from each other, therefore maintaining the slit always open}	
N	B01F 25/4422	4	{the surfaces being maintained in a fixed but adjustable position, spaced from each other, therefore allowing the slit spacing to be varied (B01F 25/4423 takes precedence)}	
N	B01F 25/4423	4	{the surfaces being part of a valve construction, formed by opposed members in contact, e.g. automatic positioning caused by spring pressure}	

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N	B01F 25/45	2	Mixers in which the materials to be mixed are pressed together through orifices or interstitial spaces, e.g. between beads (B01F 25/44 takes precedence)	
N	B01F 25/451	3	characterised by means for moving the materials to be mixed or the mixture	
N	B01F 25/4511	4	{with a rotor surrounded by a stator provided with orifices}	
N	B01F 25/4512	4	{with reciprocating pistons}	
N	B01F 25/452	3	characterised by elements provided with orifices or interstitial spaces	
N	B01F 25/4521	4	{the components being pressed through orifices in elements, e.g. flat plates or cylinders, which obstruct the whole diameter of the tube}	
N	B01F 25/45211	5	{the elements being cylinders or cones which obstruct the whole diameter of the tube, the flow changing from axial in radial and again in axial}	
N	B01F 25/45212	5	{the elements comprising means for adjusting the orifices}	
N	B01F 25/4522	4	{the components being pressed through porous bodies, e.g. flat plates, blocks or cylinders, which obstruct the whole diameter of the tube (B01F 25/45243 takes precedence)}	
N	B01F 25/45221	5	{the porous bodies being cylinders or cones which obstruct the whole diameter of the tube, the flow changing from axial in radial and again in axial}	
N	B01F 25/4523	4	{the components being pressed through sieves, screens or meshes which obstruct the whole diameter of the tube}	
N	B01F 25/45231	5	{the sieves, screens or meshes being cylinders or cones which obstruct the whole diameter of the tube, the flow changing from axial in radial and again in axial}	
N	B01F 25/4524	4	{the components being pressed through foam-like inserts or through a bed of loose bodies, e.g. balls}	
N	B01F 25/45241	5	{through a bed of balls}	
N	B01F 25/45242	5	{through a bed of fibres, steel wool or wood chips}	
N	B01F 25/45243	5	{through a foam or expanded material body}	
N	B01F 25/46	2	Homogenising or emulsifying nozzles	
N	B01F 25/50	1	Circulation mixers, e.g. wherein at least part of the mixture is discharged from and reintroduced into a receptacle	
N	B01F 25/51	2	in which the mixture is circulated through a set of tubes, e.g. with gradual introduction of a component into the circulating flow	
N	B01F 25/52	2	with a rotary stirrer in the recirculation tube	
N	B01F 25/53	2	in which the mixture is discharged from and reintroduced into a receptacle through a recirculation tube, into which an additional component is introduced	

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N	B01F 25/54	2	provided with a pump inside the receptacle to recirculate the material within the receptacle	
N	B01F 25/60	1	Pump mixers, i.e. mixing within a pump	
N	B01F 25/62	2	of the gear type	
N	B01F 25/621	3	{Wankel pump}	
N	B01F 25/64	2	of the centrifugal-pump type, i.e. turbo-mixers	
N	B01F 25/641	3	{Multi-staged turbo-mixers}	
N	B01F 25/642	3	{consisting of a stator-rotor system with intermeshing teeth or cages}	
N	B01F 25/643	3	{with axial access to the mixing device at both its sides}	
N	B01F 25/70	1	Spray-mixers, e.g. for mixing intersecting sheets of material	
N	B01F 25/72	2	with nozzles	
N	B01F 25/721	3	for spraying a fluid on falling particles or on a liquid curtain	
N	B01F 25/74	2	with rotating parts, e.g. discs	
N	B01F 25/741	3	{with a disc or a set of discs mounted on a shaft rotating about a vertical axis, on top of which the material to be thrown outwardly is fed}	
N	B01F 25/7411	4	{with repeated action, i.e. the material thrown outwardly being guided, by means provided on the surrounding casing or on top of the next lower disc}	
N	B01F 25/742	3	{for spraying a liquid on falling particles or on a liquid curtain (B01F 25/7411 takes precedence)}	
N	B01F 25/743	3	{the material being fed on both sides of a part rotating about a vertical axis}	
N	B01F 25/744	3	{the rotating part being composed of at least two cooperating members rotating independently about the same vertical axis}	
N	B01F 25/80	1	Falling particle mixers, e.g. with repeated agitation along a vertical axis	
N	B01F 25/82	2	uniting flows of material taken from different parts of a receptacle or from a set of different receptacles	
N	B01F 25/821	3	{by means of conduits having inlet openings at different levels}	
N	B01F 25/8211	4	{by means of a central conduit or central set of conduits}	
N	B01F 25/822	3	{the receptacle being divided into compartments for receiving or storing the different components}	
N	B01F 25/823	3	{Flow collectors therefor}	
N	B01F 25/83	2	with receptacles provided with fixed guiding elements therein, e.g. baffles; Cross-mixers comprising crossing channels for guiding the falling particles	
N	B01F 25/84	2	{Falling-particle mixers comprising superimposed receptacles, the material flowing from one to the other, e.g. of the sandglass type}	
N	B01F 25/85	2	wherein the particles fall onto a film that flows along the inner wall of a mixer	

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N	B01F 25/90	2	with moving or vibrating means, e.g. stirrers, for enhancing the mixing	
N	B01F 25/901	3	{using one central conveyor or several separate conveyors, e.g. belt, screw conveyors or vibrating tables, for discharging flows from receptacles, e.g. in layers}	
N	B01F 2025/91	1	{Direction of flow or arrangement of feed and discharge openings}	
N	B01F 2025/911	2	{Axial flow}	
N	B01F 2025/912	2	{Radial flow}	
N	B01F 2025/9121	3	{from the center to the circumference, i.e. centrifugal flow}	
N	B01F 2025/9122	3	{from the circumference to the center}	
N	B01F 2025/913	2	{Vortex flow, i.e. flow spiraling in a tangential direction and moving in an axial direction}	
N	B01F 2025/914	2	{Tangential flow, i.e. flow spiraling in a tangential direction in a flat plane or belt-like area}	
N	B01F 2025/915	2	{Reverse flow, i.e. flow changing substantially 180° in direction}	
N	B01F 2025/916	2	{Turbulent flow, i.e. every point of the flow moves in a random direction and intermixes}	
N	B01F 2025/917	2	{Laminar or parallel flow, i.e. every point of the flow moves in layers which do not intermix}	
N	B01F 2025/9171	3	{Parallel flow, i.e. every point of the flow moves in parallel layers where intermixing can occur by diffusion or which do not intermix; Focusing, i.e. compressing parallel layers without intermixing them}	
N	B01F 2025/918	2	{Counter current flow, i.e. flows moving in opposite direction and colliding}	
N	B01F 2025/919	2	{characterised by the disposition of the feed and discharge openings}	
N	B01F 2025/9191	3	{characterised by the arrangement of the feed openings for one or more flows, e.g. for the mainflow and the flow of an additional component}	
N	B01F 2025/91911	4	{with feed openings in the center of the main flow}	
N	B01F 2025/91912	4	{with feed openings at the circumference of the main flow}	
N	B01F 2025/919121	5	{with feed openings around the complete circumference of the main flow, e.g. being a perforated or porous part}	
N	B01F 2025/919125	4	{with feed openings in the center and at the circumference of the main flow}	
N	B01F 2025/91913	4	{with feed openings facing each other, e.g. for creating counter flows, for creating a series of vortex flows}	
N	B01F 2025/93	1	{Arrangements, nature or configuration of flow guiding elements}	
N	B01F 2025/931	2	{Flow guiding elements surrounding feed openings, e.g. jet nozzles}	
N	B01F 2025/932	2	{Nature of the flow guiding elements}	

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N	B01F 2025/9321	3	{Surface characteristics, e.g. coated or rough}	
N	B01F 27/00	0	Mixers with rotary stirring devices in fixed receptacles (magnetic mixers B01F 33/45); Kneaders	
N	B01F 27/05	1	Stirrers	
N	B01F 27/051	2	characterised by their elements, materials or mechanical properties	
N	B01F 27/052	3	Stirrers with replaceable wearing elements; Wearing elements therefor	
N	B01F 27/053	3	characterised by their materials	
N	B01F 27/0531	4	{with particular surface characteristics, e.g. coated or rough}	
N	B01F 27/054	3	Deformable stirrers, e.g. deformed by a centrifugal force applied during operation	
N	B01F 27/0541	4	{with mechanical means to alter the position of the stirring elements}	
N	B01F 27/0542	4	{deformable by centrifugal force}	
N	B01F 27/0543	4	{the position of the stirring elements depending on the direction of rotation of the stirrer}	
N	B01F 27/06	3	{Stirrers made by deforming a plate}	
N	B01F 27/07	2	characterised by their mounting on the shaft	
N	B01F 27/071	3	{Fixing of the stirrer to the shaft}	
N	B01F 27/072	3	characterised by the disposition of the stirrers with respect to the rotating axis	
N	B01F 27/0721	4	{parallel with respect to the rotating axis}	
N	B01F 27/0722	4	{perpendicular with respect to the rotating axis}	
N	B01F 27/0723	4	{oblique with respect to the rotating axis}	
N	B01F 27/0724	4	{directly mounted on the rotating axis}	
N	B01F 27/0725	4	{on the free end of the rotating axis}	
N	B01F 27/0726	4	{having stirring elements connected to the stirrer shaft each by a single radial rod, other than open frameworks}	
N	B01F 27/07261	5	{of the anchor type, i.e. the stirring elements being connected to the rods by one end and extending parallel to the shaft axis}	
N	B01F 27/0727	4	{having stirring elements connected to the stirrer shaft each by two or more radial rods, e.g. the shaft being interrupted between the rods, or of crankshaft type}	
N	B01F 27/073	3	{with stirring elements moving with respect to the stirrer shaft, e.g. floating or comprising contracting chambers}	
N	B01F 27/074	3	{having two or more mixing elements being concentrically mounted on the same shaft}	
N	B01F 27/09	2	characterised by the mounting of the stirrers with respect to the receptacle	
N	B01F 27/091	3	with elements co-operating with receptacle wall or bottom, e.g. for scraping the receptacle wall	
N	B01F 27/092	3	{occupying substantially the whole interior space of the receptacle}	

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N	B01F 27/093	3	eccentrically arranged	
N	B01F 27/11	2	characterised by the configuration of the stirrers	
N	B01F 27/111	3	Centrifugal stirrers, i.e. stirrers with radial outlets; Stirrers of the turbine type, e.g. with means to guide the flow	
N	B01F 27/1111	4	with a flat disc or with a disc-like element equipped with blades, e.g. Rushton turbine	
N	B01F 27/112	3	with arms, paddles, vanes or blades	
N	B01F 27/1121	4	pin-shaped	
N	B01F 27/1122	4	anchor-shaped	
N	B01F 27/1123	4	sickle-shaped, i.e. curved in at least one direction	
N	B01F 27/1124	4	rake-shaped or grid-shaped	
N	B01F 27/1125	4	with vanes or blades extending parallel or oblique to the stirrer axis	
N	B01F 27/11251	5	{having holes in the surface}	
N	B01F 27/11252	5	{paddle wheels}	
N	B01F 27/11253	5	{the blades extending oblique to the stirrer axis}	
N	B01F 27/1126	4	the stirrer being a bent rod supported at one end only	
N	B01F 27/1127	4	spoon-shaped	
N	B01F 27/113	3	Propeller-shaped stirrers for producing an axial flow, e.g. shaped like a ship or aircraft propeller	
N	B01F 27/1131	4	with holes in the propeller blade surface	
N	B01F 27/1132	4	with guiding tubes or tubular segments fixed to and surrounding the tips of the propeller blades, e.g. for supplementary mixing	
N	B01F 27/1133	4	{the impeller being of airfoil or aerofoil type}	
N	B01F 27/1134	4	{the impeller being of hydrofoil type}	
N	B01F 27/114	3	Helically shaped stirrers, i.e. stirrers comprising a helically shaped band or helically shaped band sections	
N	B01F 27/1141	4	{having holes in the surface}	
N	B01F 27/1142	4	of the corkscrew type	
N	B01F 27/1143	4	screw-shaped, e.g. worms	
N	B01F 27/1144	4	with a plurality of blades following a helical path on a shaft or a blade support	
N	B01F 27/1145	4	ribbon shaped with an open space between the helical ribbon flight and the rotating axis	
N	B01F 27/11451	5	{forming open frameworks or cages}	
N	B01F 27/115	3	comprising discs or disc-like elements essentially perpendicular to the stirrer shaft axis	
N	B01F 27/1151	4	with holes on the surface	
N	B01F 27/1152	4	with separate elements other than discs fixed on the discs, e.g. vanes fixed on the discs	
N	B01F 27/1153	4	{the discs being made by deforming flat discs}	
N	B01F 27/1154	4	{the discs being cup shaped, e.g. semi sphere}	
N	B01F 27/1155	4	{with interconnected discs, forming open frameworks or cages}	
N	B01F 27/116	3	Stirrers shaped as cylinders, balls or rollers	

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N	B01F 27/1161	4	{having holes in the surface}	
N	B01F 27/1162	4	{Balls}	
N	B01F 27/1163	4	{Rollers}	
N	B01F 27/11631	5	{comprising paddles fixed thereon, e.g. with a total a diameter close to that of the surrounding receptacle}	
N	B01F 27/117	3	Stirrers provided with conical-shaped elements, e.g. funnel-shaped	
N	B01F 27/1171	4	{having holes in the surface}	
N	B01F 27/118	3	Stirrers in the form of brushes, sieves, grids, chains or springs	
N	B01F 27/119	3	Stirrers with rigid wires or flexible rods	
N	B01F 27/1191	4	{with a bent rod of non-helical configuration supported at one end}	
N	B01F 27/13	3	Openwork frame or cage stirrers not provided for in other groups of this subclass	
N	B01F 27/15	3	Stirrers with tubes for guiding the material	
N	B01F 27/17	3	Stirrers with additional elements mounted on the stirrer, for purposes other than mixing	
N	B01F 27/171	4	for disintegrating, e.g. for milling	
N	B01F 27/172	4	for cutting, e.g. with knives	
N	B01F 27/19	3	Stirrers with two or more mixing elements mounted in sequence on the same axis	
N	B01F 27/191	4	with similar elements	
N	B01F 27/192	4	with dissimilar elements	
N	B01F 27/1921	5	{comprising helical elements and paddles}	
N	B01F 27/21	1	characterised by their rotating shafts	
N	B01F 27/211	2	characterised by the material of the shaft	
N	B01F 27/2111	3	Flexible shafts	
N	B01F 27/212	2	{Construction of the shaft (B01F 27/2121, B01F 27/2122, B01F 27/2123, B01F 27/2124 take precedence)}	
N	B01F 27/2121	2	composed of interconnected parts	
N	B01F 27/2122	2	Hollow shafts	
N	B01F 27/2123	2	Shafts with both stirring means and feeding or discharging means	
N	B01F 27/2124	2	Shafts with adjustable length, e.g. telescopic shafts	
N	B01F 27/213	2	characterised by the connection with the drive	
N	B01F 27/23	1	characterised by the orientation or disposition of the rotor axis	
N	B01F 27/231	2	with a variable orientation during mixing operation, e.g. with tiltable rotor axis	
N	B01F 27/2311	3	{the orientation of the rotating shaft being adjustable in the interior of the receptacle, e.g. by tilting the stirrer shaft during the mixing}	
N	B01F 27/2312	3	{the position of the rotating shaft being adjustable in the interior of the receptacle, e.g. to locate the stirrer in different locations during the mixing}	

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N	B01F 27/232	2	with two or more rotation axes	
N	B01F2 7/2321	3	{having different inclinations, e.g. non parallel}	
N	B01F 27/2322	3	with parallel axes	
N	B01F 27/2323	3	with perpendicular axes	
N	B01F 27/2324	3	{planetary}	
N	B01F 27/25	1	Mixers with both stirrer and drive unit submerged in the material being mixed	
N	B01F 27/251	2	{Vertical beam constructions therefor}	
N	B01F 27/27	1	Mixers with stator-rotor systems, e.g. with intermeshing teeth or cylinders or having orifices (the stirrers having a central axial inflow and a substantially radial outflow B01F 27/81)	
N	B01F 27/271	2	with means for moving the materials to be mixed radially between the surfaces of the rotor and the stator	
N	B01F 27/2711	3	{provided with intermeshing elements}	
N	B01F 27/2712	3	{provided with ribs, ridges or grooves on one surface}	
N	B01F 27/2713	3	{the surfaces having a conical shape}	
N	B01F 27/2714	3	{the relative position of the stator and the rotor, gap in between or gap with the walls being adjustable}	
N	B01F 27/272	2	with means for moving the materials to be mixed axially between the surfaces of the rotor and the stator, e.g. the stator rotor system formed by conical or cylindrical surfaces	
N	B01F 27/2721	3	{provided with intermeshing elements}	
N	B01F 27/2722	3	{provided with ribs, ridges or grooves on one surface}	
N	B01F 27/2723	3	{the surfaces having a conical shape}	
N	B01F 27/2724	3	{the relative position of the stator and the rotor, gap in between or gap with the walls being adjustable}	
N	B01F 27/276	2	{the mixer being composed of a stator-rotor system being formed by bearing elements, e.g. roller bearings}	
N	B01F 27/40	1	Mixers with rotor-rotor system, e.g. with intermeshing teeth	
N	B01F 27/41	2	with the mutually rotating surfaces facing each other	
N	B01F 27/411	3	{provided with intermeshing elements}	
N	B01F 27/412	3	{provided with ribs, ridges or grooves on one surface}	
N	B01F 27/42	2	with rotating surfaces next to each other, i.e. on substantially parallel axes	
N	B01F 27/421	3	{provided with intermeshing elements}	
N	B01F 27/422	3	{provided with ribs, ridges or grooves on one surface}	
N	B01F 27/50	1	Pipe mixers, i.e. mixers wherein the materials to be mixed flow continuously through pipes, e.g. column mixers	
N	B01F 27/55	1	with stirrers driven by the moving material	
N	B01F 27/60	1	with stirrers rotating about a horizontal or inclined axis	
N	B01F 27/61	2	about an inclined axis	
N	B01F 27/62	2	{comprising liquid feeding, e.g. spraying means}	
N	B01F 27/621	3	{the liquid being fed through the shaft of the stirrer}	

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N	B01F 27/625	2	{the receptacle being divided into compartments, e.g. with porous divisions}	
N	B01F 27/627	2	{the receptacles being tiltable, e.g. for emptying}	
N	B01F 27/63	2	co-operating with deflectors or baffles fixed to the receptacle	
N	B01F 27/65	2	with buckets	
N	B01F 27/70	2	with paddles, blades or arms	
N	B01F 27/701	3	comprising two or more shafts, e.g. in consecutive mixing chambers	
N	B01F 27/702	4	with intermeshing paddles	
Q	B01F 27/703	4	with stirrers rotating at different speeds	B01F 27/703, B01F 27/705
N	B01F 27/704	4	with stirrers facing each other, i.e. supported by opposite walls of the receptacle	
N	B01F 27/705	4	with stirrers rotating in opposite directions about the same axis, e.g. with a first stirrer surrounded by a tube inside a second stirrer	
Q	B01F 27/706	4	with all the shafts in the same receptacle (B01F 27/702-B01F 27/705 take precedence)	B01F27/706, B01F 27/702, B01F 27/703, B01F 27/704, B01F 27/705
N	B01F 27/707	3	the paddles co-operating, e.g. intermeshing, with elements on the receptacle wall	
Q	B01F 27/708	3	characterised by the shape of the stirrer as a whole, i.e. of Z- or S-shape	B01F 27/708, B01F 27/702, B01F 27/703, B01F 27/704, B01F 27/705, B01F 27/706
N	B01F 27/71	2	with propellers	
N	B01F 27/711	3	{co-operating with stationary guiding means, e.g. baffles}	
N	B01F 27/7111	4	{the guiding means being tubes surrounding the propellers}	
N	B01F 27/72	2	with helices or sections of helices	
N	B01F 27/721	3	with two or more helices in the same receptacle	
N	B01F 27/722	4	the helices closely surrounded by a casing	
N	B01F 27/7221	5	{the stirrers being composed of helices and paddles on the same shaft, e.g. helically arranged ovally shaped paddles}	
N	B01F 27/723	4	the helices intermeshing to knead the mixture	
N	B01F 27/724	3	with a single helix closely surrounded by a casing	
N	B01F 27/725	3	{with two or more helices in respective separate casings, e.g. one casing inside the other}	
N	B01F 27/726	3	with two helices with opposite pitch on the same shaft; with two helices on the same axis, driven in opposite directions or at different speeds	
N	B01F 27/73	2	with rotary discs	
N	B01F 27/731	3	{with two or more parallel shafts provided with perpendicularly mounted discs, e.g. lens shaped, one against the other on each shaft and in circumferential contact with the discs on the other shafts, e.g. for cleaning}	

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N	B01F 27/74	2	with rotary cylinders	
N	B01F 27/75	2	with stirrers having planetary motion, i.e. rotating about their own axis and about a sun axis	
N	B01F 27/755	3	{the stirrers being cylinders, balls or gears}	
N	B01F 27/80	1	with stirrers rotating about a substantially vertical axis	
N	B01F 27/805	2	wherein the stirrers or the receptacles are moved in order to bring them into operative position; Means for fixing the receptacle	
N	B01F 27/806	3	with vertical displacement of the stirrer, e.g. in combination with means for pivoting the stirrer about a vertical axis in order to co-operate with different receptacles	
N	B01F 27/807	3	with the stirrer-head pivoting about a horizontal axis to bring it in and out of operative position, e.g. with receptacles pivoting about a horizontal axis for emptying	
N	B01F 27/808	2	with stirrers driven from the bottom of the receptacle	
N	B01F 27/81	2	the stirrers having central axial inflow and substantially radial outflow	
N	B01F 27/811	3	{with the inflow from one side only, e.g. stirrers placed on the bottom of the receptacle, or used as a bottom discharge pump}	
N	B01F 27/8111	4	{the stirrers co-operating with stationary guiding elements, e.g. surrounding stators or intermeshing stators (B01F 27/812 takes precedence)}	
N	B01F 27/812	3	{the stirrers co-operating with surrounding stators, or with intermeshing stators, e.g. comprising slits, orifices or screens}	
N	B01F 27/813	3	{the stirrers co-operating with stationary guiding elements (B01F 27/812 takes precedence)}	
N	B01F 27/82	2	Pan-type mixers, i.e. mixers in which the stirring elements move along the bottom of a pan-shaped receptacle (with stirring elements moving along the wall or bottom of the receptacle B01F 27/091)	
N	B01F 27/83	2	the stirrers being additionally moved radially, or oscillating about an axis perpendicular to the stirrer axis	
N	B01F 27/84	2	with two or more stirrers rotating at different speeds or in opposite directions about the same axis	
N	B01F 27/85	2	with two or more stirrers on separate shafts	
N	B01F 27/851	3	{the receptacle being subdivided in adjacent compartments}	
N	B01F 27/86	2	co-operating with deflectors or baffles fixed to the receptacle	
N	B01F 27/861	3	{the baffles being of cylindrical shape, e.g. a mixing chamber surrounding the stirrer, the baffle being displaced axially to form an interior mixing chamber}	

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N	B01F 27/862	3	{the baffles being adjustable or movable (B01F 27/861 takes precedence)}	
N	B01F 27/87	2	the receptacle being divided into superimposed compartments	
N	B01F 27/88	2	with a separate receptacle-stirrer unit that is adapted to be coupled to a drive mechanism	
N	B01F 27/90	2	with paddles or arms	
N	B01F 27/902	3	cooperating with intermeshing elements fixed on the receptacle walls	
N	B01F 27/9021	4	{the elements being vertically arranged, e.g. fixed on the bottom}	
N	B01F 27/906	3	with fixed axis	
N	B01F 27/91	2	with propellers	
N	B01F 27/911	3	{forcing the material through orifices or slits, e.g. in a stationary part}	
N	B01F 27/92	2	with helices or screws	
N	B01F 27/921	3	with helices centrally mounted in the receptacle	
N	B01F 27/9211	4	{the helices being surrounded by a guiding tube}	
N	B01F 27/92112	5	{combined with means for uniting flows of material taken from different parts of the receptacle}	
N	B01F 27/9212	4	with conical helices	
N	B01F 27/9213	4	{the helices having a diameter only slightly less than the diameter of the receptacle}	
N	B01F 27/9214	4	{with additional mixing elements other than helices; having inner and outer helices; with helices surrounding a guiding tube}	
N	B01F 27/922	3	with two or more helices, e.g. with intermeshing helices	
N	B01F 27/923	3	{the material flowing continuously through the receptacle}	
N	B01F 27/93	2	with rotary discs	
N	B01F 27/94	2	with rotary cylinders or cones	
N	B01F 27/941	3	{being hollow, perforated or having special stirring elements thereon}	
N	B01F 27/95	2	with stirrers having planetary motion, i.e. rotating about their own axis and about a sun axis	
N	B01F 27/951	3	{with at least one stirrer mounted on the sun axis}	
N	B01F 27/952	3	the stirrers being cylinders with their circumference in contact with the bottom of the receptacle and rotating about an axis at an angle to the sun axis, e.g. mixers of the Muller type	
N	B01F 27/953	3	{using only helical stirrers}	
N	B01F 27/96	2	with openwork frames or cages	
N	B01F 29/00	0	Mixers with rotating receptacles	
N	B01F 29/10	1	with receptacles rotated about two different axes, e.g. receptacles having planetary motion	
N	B01F 29/15	1	Use of centrifuges for mixing	

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Q	B01F 29/20	1	with receptacles rotating about an axis at an angle to their longitudinal axis (B01F 29/62 takes precedence)	B01F 29/20, B01F 29/62
N	B01F 29/25	1	with material flowing continuously through the receptacles from inlet to discharge	
N	B01F 29/251	2	{with at least one screw inside the receptacle for feeding or discharging, e.g. the axis of screw and receptacle being parallel}	
N	B01F 29/252	2	{the feed and discharge openings being at opposite ends of the receptacle}	
N	B01F 29/253	2	{the feed and discharge openings being at the same side of the receptacle}	
N	B01F 29/30	1	Mixing the contents of individual packages or containers, e.g. by rotating tins or bottles	
N	B01F 29/31	2	the containers being supported by driving means, e.g. by rotating rollers	
N	B01F 29/32	2	Containers specially adapted for coupling to rotating frames or the like; Coupling means therefor	
N	B01F 29/321	3	of test-tubes or the like	
N	B01F 29/322	3	of two or more containers supported for simultaneous mixing, e.g. for bottles in crates	
N	B01F 29/33	2	by imparting a combination of movements to two or more containers	
N	B01F 29/331	3	{by means of a rotary table provided with a plurality of bottle grippers at its periphery, an additional movement being imparted to the grippers}	
N	B01F 29/332	3	{the bottles being submitted to a screw-motion about an axis perpendicular to the axis of the bottles and lying intermediate the ends of the bottles}	
N	B01F 29/333	3	{essentially by rotating bottles about an axis perpendicular to the bottle axis and lying outside the bottles, using a rotating drum provided with pockets for the bottles at its periphery}	
N	B01F 29/34	2	Constructional details of holders for the individual packages or containers	
N	B01F 29/40	1	{Parts or components, e.g. receptacles, feeding or discharging means (B01F 29/251 takes precedence)}	

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Q	B01F 29/401	2	{Receptacles, e.g. provided with liners}	B01F 29/401, B01F 29/4011, B01F 29/40111, B01F 29/40112, B01F 29/40113, B01F 29/40114, B01F 29/40115, B01F 29/40116, B01F 29/40117, B01F 29/40118, B01F 29/40119, B01F 29/401195, B01F 29/402, B01F 29/4021, B01F 29/4022, B01F 29/40221, B01F 29/40222, B01F 29/4023, B01F 29/40231, B01F 29/403, B01F 29/4031, B01F 29/4032, B01F 29/4033, B01F 29/4034, B01F 29/4035, B01F 29/40351, B01F 29/40352, B01F 29/40353, B01F 29/40354, B01F 29/4036, B01F 29/40361, B01F 29/40362, B01F 29/40363, B01F 29/40364, B01F 29/40365
N	B01F 29/4011	3	{characterised by the shape or cross-section of the receptacle, e.g. of Y-, Z -, S -, or X shape}	
N	B01F 29/40111	4	{Non-cylindrical sections, e.g. elliptical or irregular}	
N	B01F 29/40112	4	{Polygonal sections, e.g. triangularor square}	
N	B01F 29/40113	4	{Conical, double-conicalor diabolo shapes}	
N	B01F 29/40114	4	{Cubic, cubical or polyhedronical shapes}	
N	B01F 29/40115	4	{S shapes}	
N	B01F 29/40116	4	{Spherical shapes}	
N	B01F 29/40117	4	{Toroidal shapes}	
N	B01F 29/40118	4	{V or W shapes}	
N	B01F 29/40119	4	{X shapes}	
N	B01F 29/401195	4	{Y or double Y shapes}	
N	B01F 29/402	3	{characterised by the relative disposition or configuration of the interior of the receptacles}	
N	B01F 29/4021	4	{Multi-compartment receptacles}	
N	B01F 29/4022	4	{Configuration of the interior}	
N	B01F 29/40221	5	{provided with baffles, plates or bars on the wall or the bottom}	
N	B01F 29/40222	5	{provided with guide tubes on the wall or the bottom}	
N	B01F 29/4023	4	{Nature of the receptacle}	
N	B01F 29/40231	3	{Surface characteristics, e.g. coated, rough}	
N	B01F 29/403	2	{Disposition of the rotor axis}	
N	B01F 29/4031	3	{horizontal}	
N	B01F 29/4032	3	{vertical}	
N	B01F 29/4033	3	{inclined}	

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N	B01F 29/4034	3	{variable, e.g. tiltable during the operation}	
N	B01F 29/4035	3	{with a receptacle rotating around two or more axes}	
N	B01F 29/40351	4	{having different, non-perpendicular inclinations, e.g. skew axes}	
N	B01F 29/40352	4	{being parallel axes}	
N	B01F 29/40353	4	{being perpendicular axes}	
N	B01F 29/40354	4	{arranged for planetary motion}	
N	B01F 29/4036	3	{with a plurality of rotating receptacles}	
N	B01F 29/40361	4	{having axes of different, non-perpendicular inclinations}	
N	B01F 29/40362	4	{having parallel axes}	
N	B01F 29/40363	4	{having perpendicular axes}	
N	B01F 29/40364	4	{being concentrically arranged}	
N	B01F 29/40365	4	{arranged for planetary motion}	
N	B01F 29/60	1	rotating about a horizontal or inclined axis, e.g. drum mixers	
N	B01F 29/61	2	{comprising liquid spraying devices}	
N	B01F 29/62	2	without bars, i.e. without mixing elements; characterised by the shape or cross section of the receptacle, e.g. of Y-, Z-, S- or X- shape; with cylindrical receptacles rotating about an axis at an angle to their longitudinal axis	
N	B01F 29/63	2	with fixed bars, i.e. stationary, or fixed on the receptacle	
N	B01F 29/64	2	with stirring devices moving in relation to the receptacle, e.g. rotating	
N	B01F 29/80	1	rotating about a substantially vertical axis	
N	B01F 29/81	2	with stationary mixing elements	
N	B01F 29/82	2	{the receptacle comprising a rotary part, e.g. the bottom, and a stationary part, e.g. the wall, with optional use of a stirrer; the receptacle comprising parts moving in opposite directions}	
N	B01F 29/83	2	with rotary paddles or arms, e.g. movable out of the receptacle	
N	B01F 29/835	3	{Pan-type mixers, i.e. having stirrers moving along the bottom of a pan-shaped receptacle}	
N	B01F 29/84	2	with propellers	
N	B01F 29/85	2	with helices, e.g. rotating about an inclined axis	
N	B01F 29/86	2	with rotary discs	
N	B01F 29/87	2	with rotary cylinders	
N	B01F 29/90	1	with stirrers having planetary motion	
N	B01F 31/00	0	Mixers with shaking, oscillating, or vibrating mechanisms	
N	B01F 31/10	1	with a mixing receptacle rotating alternately in opposite directions	
N	B01F 31/20	1	Mixing the contents of independent containers, e.g. test tubes	
N	B01F 31/201	2	{Holders therefor}	

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N	B01F 31/202	2	{for beverage bottles, e.g. within crates or with feeding means for the bottles}	
N	B01F 31/22	2	with supporting means moving in a horizontal plane, e.g. describing an orbital path for moving the containers about an axis which intersects the receptacle axis at an angle	
N	B01F 31/23	2	by pivoting the containers about an axis	
N	B01F 31/231	3	{the containers being of the sandglass-type or being linked with their openings}	
N	B01F 31/24	2	the containers being submitted to a rectilinear movement	
Q	B01F 31/25	2	the containers being submitted to a combination of movements other than within a horizontal plane, e.g. rectilinear and pivoting movement (with a receptacle submitted to a combination of movements, i.e. at least one movement being vibratory or oscillatory B01F 31/50)	B01F 31/25, B01F 31/50
N	B01F 31/26	2	{the containers being submitted to a wobbling movement}	
N	B01F 31/265	2	{the vibrations being caused by an unbalanced rotating member}	
N	B01F 31/27	2	{the vibrations being caused by electromagnets}	
N	B01F 31/275	2	{with means for transporting test tubes to and from the stirring device}	
N	B01F 31/28	2	{the vibrations being caused by piezoelectric elements}	
Q	B01F 31/29	1	Mixing by periodically deforming flexible tubular members through which the material is flowing	B01F 31/29, B01F 31/30
N	B01F 31/30	1	comprising a receptacle to only a part of which the shaking, oscillating, or vibrating movement is imparted	
N	B01F 31/31	2	using receptacles with deformable parts, e.g. membranes, to which a motion is imparted	
N	B01F 31/311	3	{the motion being a linear movement to one part of the receptacle}	
N	B01F 31/312	3	{the motion being a transversal movement to one part of the receptacle, e.g. by moving alternatively up and down the opposite edges of a closing lid to cause a pumping action}	
N	B01F 31/40	1	with an axially oscillating rotary stirrer	
N	B01F 31/401	2	{for material flowing continuously axially therethrough}	
N	B01F 31/42	1	with pendulum stirrers, i.e. with stirrers suspended so as to oscillate about fixed points or axes	
Q	B01F 31/44	1	with stirrers performing an oscillatory, vibratory or shaking movement (B01F 31/40, B01F 31/42 take precedence)	B01F 31/44, B01F 31/40, B01F 31/401, B01F 31/42
N	B01F 31/441	2	performing a rectilinear reciprocating movement	
N	B01F 31/443	2	{performing a superposed additional movement other than oscillation, vibration or shaking}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 31/445	2	performing an oscillatory movement about an axis	
N	B01F 31/449	2	{Stirrers constructions}	
N	B01F 31/46	1	with an annular vibrating trough	
N	B01F 31/50	1	with a receptacle submitted to a combination of movements, i.e. at least one vibratory or oscillatory movement	
N	B01F 31/55	1	the materials to be mixed being contained in a flexible bag submitted to periodical deformation	
N	B01F 31/56	1	{having a vibrating receptacle provided with stirring elements, e.g. independent stirring elements}	
Q	B01F 31/57	1	{for material continuously moving therethrough (B01F 31/29, B01F 31/30, B01F 31/401, B01F 31/46, B01F 31/84 take precedence)}	B01F 31/57, B01F 31/29, B01F 31/30, B01F 31/401, B01F 31/46, B01F 31/84
N	B01F 31/60	1	with a vibrating receptacle (B01F 31/10, B01F 31/20, B01F 31/50 take precedence)	
N	B01F 31/65	1	the materials to be mixed being directly submitted to a pulsating movement, e.g. by means of an oscillating piston or air column	
N	B01F 31/651	2	{Mixing by successively aspirating a part of the mixture in a conduit, e.g. a piston, and reinjecting it through the same conduit into the receptacle}	
N	B01F 31/70	1	{Drives therefor, e.g. crank mechanisms}	
N	B01F 31/80	1	Mixing by means of high-frequency vibrations above one kHz, e.g. ultrasonic vibrations	
N	B01F 31/81	2	by vibrations generated inside a mixing device not coming from an external drive, e.g. by the flow of material causing a knife to vibrate or by vibrating nozzles	
N	B01F 31/82	2	{the material being forced through a narrow vibrating slit}	
N	B01F 31/83	2	{comprising a supplementary stirring element}	
N	B01F 31/831	3	{the vibrations being generated by the rotation of the stirring element}	
N	B01F 31/84	2	{for material continuously moving through a tube, e.g. by deforming the tube}	
N	B01F 31/841	3	{with a vibrating element inside the tube}	
N	B01F 31/85	2	with a vibrating element inside the receptacle	
N	B01F 31/86	2	with vibration of the receptacle or part of it	
N	B01F 31/861	3	{caused by hitting or striking the receptacle}	
N	B01F 31/87	2	transmitting the vibratory energy by means of a fluid, e.g. by means of air shock waves	
N	B01F 31/89	2	{Methodical aspects; Controlling}	
Q	B01F 33/00	0	Other mixers; Mixing plants; Combinations of mixers	B01F 33/00, B01F 33/87

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 33/05	1	Mixers using radiation, e.g. magnetic fields or microwaves to mix the material ({B01F 23/2133, B01F 23/238, B01F 23/55,}B01F 33/3031, B01F 33/3032 take precedence)	
N	B01F 33/051	2	{the energy being electrical energy working on the ingredients or compositions for mixing them}	
N	B01F 33/052	2	{the energy being electric fields for electrostatically charging of the ingredients or compositions for mixing them}	
N	B01F 33/053	2	{the energy being magnetic or electromagnetic energy, radiation working on the ingredients or compositions for or during mixing them}	
N	B01F 33/054	2	{the energy being in the form of a laser to modify the characteristics or conditions of the products, e.g. for heating}	
N	B01F 33/055	2	{the energy being particle radiation working on the ingredients or compositions for or during mixing them}	
N	B01F 33/12	1	Mixers in which the mixing of the components is achieved by natural convection	
N	B01F 33/25	1	Mixers with loose mixing elements, e.g. loose balls in a receptacle	
N	B01F 33/251	2	{using balls as loose mixing element}	
N	B01F 33/252	2	{using bubbles as loose mixing element}	
N	B01F 33/253	2	{using sliders or cylindrical elements as loose mixing element}	
N	B01F 33/254	2	{using springs as loose mixing element}	
N	B01F 33/26	1	{Mixers with an endless belt for transport of the material, e.g. in layers or with mixing means above or at the end of the belt}	
N	B01F 33/27	1	{Mixers having moving endless chains or belts, e.g. provided with paddles, as mixing elements}	
N	B01F 33/30	1	Micromixers	
N	B01F 33/301	2	using specific means for arranging the streams to be mixed, e.g. channel geometries or dispositions	
N	B01F 33/3011	3	using a sheathing stream of a fluid surrounding a central stream of a different fluid, e.g. for reducing the cross-section of the central stream or to produce droplets from the central stream	
N	B01F 33/3012	3	Interdigital streams, e.g. lamellae	
N	B01F 33/30121	4	{the interdigital streams being concentric lamellae}	
N	B01F 33/3017	3	{Mixing chamber}	
N	B01F 33/302	2	the materials to be mixed flowing in the form of droplets	
N	B01F 33/3021	3	{the components to be mixed being combined in a single independent droplet, e.g. these droplets being divided by a non-miscible fluid or consisting of independent droplets}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 33/3022	3	{the components being formed by independent droplets which are alternated, the mixing of the components being achieved by diffusion between droplets}	
N	B01F 33/3031	2	using electro-hydrodynamic [EHD] or electro-kinetic [EKI] phenomena to mix or move the fluids	
N	B01F 33/3032	2	using magneto-hydrodynamic [MHD] phenomena to mix or move the fluids	
N	B01F 33/3033	2	using heat to mix or move the fluids	
N	B01F 33/3034	2	{using induced convection or movement in the mixture to mix or move the fluids without mechanical means, e.g. thermodynamic instability, strong gradients, etc.}	
N	B01F 33/3035	2	{using surface tension to mix, move or hold the fluids}	
N	B01F 33/30351	3	{using hydrophilic/hydrophobic surfaces}	
N	B01F 33/30352	3	{using roughness of the surfaces}	
N	B01F 33/3036	2	{using a biological motor, i.e. biological molecules which are activated and movement is induced to stir a fluid}	
N	B01F 33/3037	2	{using coupled electrorotation [CER] phenomena to mix or move fluids, or to sense properties of the mixture}	
N	B01F 33/3038	2	{using ciliary stirrers to move or stir the fluids}	
N	B01F 33/3039	2	with mixing achieved by diffusion between layers	
N	B01F 33/304	2	{the mixing being performed in a mixing chamber where the products are brought into contact}	
N	B01F 33/3045	2	{using turbulence on microscale}	
N	B01F 33/305	2	{using mixing means not otherwise provided for (B01F 25/00, B01F 27/00, B01F 29/00, B01F 31/00, B01F 33/301 - B01F 33/3045, B01F 33/40 and B01F 33/45 take precedence)}	
N	B01F 33/35	1	Mixing after turning the mixing vessel upside down	
N	B01F 33/40	1	Mixers using gas or liquid agitation, e.g. with air supply tubes	
N	B01F 33/401	2	{Methods}	
N	B01F 33/402	2	{comprising supplementary stirring elements}	
N	B01F 33/4021	3	{the gas being introduced through the shaft of the stirring element}	
N	B01F 33/403	2	{for mixing liquids (B01F 33/402, B01F 33/405, B01F 33/406 take precedence)}	
N	B01F 33/404	2	{for mixing material moving continuously therethrough, e.g. using impinging jets}	
N	B01F 33/405	2	{in receptacles having guiding conduits therein, e.g. for feeding the gas to the bottom of the receptacle}	
N	B01F 33/4051	3	{with vertical conduits through which the material is being moved upwardly driven by the fluid}	
N	B01F 33/40511	4	{with a central conduit or a central set of conduits}	
N	B01F 33/40512	4	{involving gas diffusers at the bottom}	
N	B01F 33/406	2	{in receptacles with gas supply only at the bottom (B01F 33/405 takes precedence)}	

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N	B01F 33/4061	3	{through orifices arranged around a central cone (B01F 33/4062 takes precedence)}	
N	B01F 33/4062	3	{with means for modifying the gas pressure or for supplying gas at different pressures or in different volumes at different parts of the bottom}	
N	B01F 33/407	2	{by blowing gas on the material from above}	
N	B01F 33/408	2	{Controlling}	
N	B01F 33/409	2	{Parts, e.g. diffusion elements; Accessories}	
N	B01F 33/4092	2	{Storing receptacles provided with separate mixing chambers}	
N	B01F 33/4094	2	{Plants}	
N	B01F 33/45	1	Magnetic mixers; Mixers with magnetically driven stirrers	
N	B01F 33/451	2	wherein the mixture is directly exposed to an electromagnetic field without use of a stirrer, e.g. for material comprising ferromagnetic particles or for molten metal	
N	B01F 33/452	2	using independent floating stirring elements	
N	B01F 33/453	2	using supported or suspended stirring elements	
N	B01F 33/4531	3	{using an axis supported in several points for mounting the stirring element}	
N	B01F 33/4532	3	{using a bearing, tube, opening or gap for internally supporting the stirring element}	
N	B01F 33/4533	3	{supporting the stirring element in one point}	
N	B01F 33/4534	3	{using a rod for supporting the stirring element, e.g. stirrer sliding on a rod or mounted on a rod sliding in a tube}	
N	B01F 33/4535	3	{using a stud for supporting the stirring element}	
N	B01F 33/4536	3	{using a wire for supporting or suspending the stirring element, e.g. stirrer sliding on a wire}	
N	B01F 33/4537	3	{the stirring element being suspended by one point}	
N	B01F 33/50	1	Movable or transportable mixing devices or plants	
N	B01F 33/501	2	Movable mixing devices, i.e. readily shifted or displaced from one place to another, e.g. portable during use	
N	B01F 33/5011	3	{portable during use, e.g. hand-held}	
N	B01F 33/50111	4	{Small portable bottles, flasks, vials, e.g. with means for mixing ingredients or for homogenizing their content, e.g. by hand shaking}	
N	B01F 33/50112	4	{of the syringe or cartridge type}	
N	B01F 33/50113	4	{of the pipette type}	
N	B01F 33/50114	4	{of the hand-held gun type}	
N	B01F 33/50115	4	{Stirring devices adapted to be connected to a standard boring machine or other kind of domestic tool}	
N	B01F 33/5012	3	{adapted to be mounted during use on a standard, base or support}	
N	B01F 33/5013	3	{movable by mechanical means, e.g. hoisting systems, grippers or lift trucks}	
N	B01F 33/5014	3	{movable by human force, e.g. kitchen or table devices}	

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N	B01F 33/502	2	Vehicle-mounted mixing devices	
N	B01F 33/5021	3	{the vehicle being self-propelled, e.g. truck mounted, provided with a motor, driven by tracks (B01F 33/5022 - B01F 33/5027 take precedence)}	
N	B01F 33/5022	3	{the vehicle being a carriage moving or driving along fixed or movable beams or bridges}	
N	B01F 33/5023	3	{the vehicle being a trailer which is hand moved or coupled to self-propelling vehicles}	
N	B01F 33/5024	3	{the vehicle being moved by human force}	
N	B01F 33/5025	3	{using rails for guiding the mixing installation during moving or displacing}	
N	B01F 33/5026	3	{using sledges or skids for moving or displacing the mixing installation}	
N	B01F 33/5027	3	{using driven tracks, caterpillars or crawler for moving or displacing the mixing installation}	
N	B01F 33/503	2	Floating mixing devices	
N	B01F 33/70	1	Mixers specially adapted for working at sub- or super-atmospheric pressure, e.g. combined with de-foaming	
N	B01F 33/71	2	working at super-atmospheric pressure, e.g. in pressurised vessels	
N	B01F 33/80	1	Mixing plants; Combinations of mixers	
N	B01F 33/805	2	{for granular material}	
N	B01F 33/8051	3	{with several silos arranged in a row or around a central delivery point, e.g. provided with proportioning means}	
N	B01F 33/80514	4	{the silos being arranged in a circular configuration, i.e. in a circle around a central delivery point}	
N	B01F 33/8052	3	{involving other than mixing operations, e.g. milling, sieving or drying}	
N	B01F 33/81	2	Combinations of similar mixers, e.g. with rotary stirring devices in two or more receptacles	
N	B01F 33/811	3	{in two or more consecutive, i.e. successive, mixing receptacles or being consecutively arranged}	
N	B01F 33/812	3	{in two or more alternative mixing receptacles, e.g. mixing in one receptacle and dispensing from another receptacle}	
N	B01F 33/813	3	{mixing simultaneously in two or more mixing receptacles}	
N	B01F 33/82	2	Combinations of dissimilar mixers	
N	B01F 33/821	3	{with consecutive receptacles}	
N	B01F 33/8212	4	{with moving and non-moving stirring devices}	
N	B01F 33/822	3	{with moving and non-moving stirring devices in the same receptacle}	
N	B01F 33/823	3	{in two or more alternative mixing receptacles, e.g. mixing in one receptacle and dispensing from another receptacle}	
N	B01F 33/824	3	{mixing simultaneously in two or more mixing receptacles}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 33/83	2	Mixing plants specially adapted for mixing in combination with disintegrating operations	
N	B01F 33/8305	3	{Devices with one shaft, provided with mixing and milling tools, e.g. using balls or rollers as working tools; Devices with two or more tools rotating about the same axis}	
N	B01F 33/831	3	{Devices with consecutive working receptacles, e.g. with two intermeshing tools in one of the receptacles (B01F 33/8305 takes precedence)}	
N	B01F 33/833	3	{Devices with several tools rotating about different axis in the same receptacle}	
N	B01F 33/834	2	{Mixing in several steps, e.g. successive steps (B01F 33/81, B01F 33/82 and B01F 33/85 take precedence)}	
N	B01F 33/836	2	{combining mixing with other treatments}	
N	B01F 33/8361	3	{with disintegrating}	
N	B01F 33/83611	4	{by cutting}	
N	B01F 33/83612	4	{by crushing or breaking}	
N	B01F 33/83613	4	{by grinding or milling}	
N	B01F 33/83614	4	{with irradiating}	
N	B01F 33/8362	3	{with chemical reactions}	
N	B01F 33/8363	3	{with coating}	
N	B01F 33/8364	3	{with drying}	
N	B01F 33/84	2	Mixing plants with mixing receptacles receiving material dispensed from several component receptacles, e.g. paint tins	
N	B01F 33/841	3	with component receptacles fixed in a circular configuration on a horizontal table, e.g. the table being able to be indexed about a vertical axis	
N	B01F 33/844	3	{with means for customizing the mixture on the point of sale, e.g. by sensing, receiving or analysing information about the characteristics of the mixture to be made}	
N	B01F 33/8442	4	{using a computer for controlling information and converting it in a formula and a set of operation instructions, e.g. on the point of sale}	
N	B01F 33/846	3	{using stored recipes for determining the composition of the mixture to be produced, i.e. for determining the amounts of the basic components to be dispensed from the component receptacles}	
N	B01F 33/848	3	{using data, i.e. barcodes, 3D codes or similar type of tagging information, as instruction or identification codes for controlling the dispensing and mixing operations}	
N	B01F 33/85	2	Mixing plants with mixing receptacles or mixing tools that can be indexed into different working positions	
N	B01F 33/86	1	{Mixing heads comprising a driven stirrer}	
N	B01F 33/862	2	{the stirrer being provided with a surrounding stator}	
N	B01F 33/87	1	Roll-type mixers	

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N	B01F 35/00	0	Accessories for mixers; Auxiliary operations or auxiliary devices; Parts or details of general application	
Q	B01F 35/10	1	Maintenance of mixers	B01F 35/10, B01F 35/11, B01F 35/12, B01F 35/121, B01F 35/122, B01F 35/123, B01F 35/165
N	B01F 35/11	2	using fluids	
N	B01F 35/12	2	using mechanical means	
N	B01F 35/121	3	{using a brush for cleaning out rests of products}	
N	B01F 35/122	3	{using pushers, i.e. a piston, for pushing out rests of products}	
N	B01F 35/123	3	{using scrapers for cleaning mixers}	
N	B01F 35/13	2	using one or more of the components of the mixture to wash-out the mixer	
N	B01F 35/145	2	{Washing or cleaning mixers not provided for in other groups in this subclass; Inhibiting build-up of material on machine parts using other means}	
N	B01F 35/1452	3	{using fluids}	
N	B01F 35/1453	4	{by means of jets of fluid, e.g. air}	
N	B01F 35/146	3	{Working under sterile conditions; Sterilizing the mixer or parts thereof}	
N	B01F 35/165	1	{Making mixers or parts thereof}	
N	B01F 35/181	1	{Preventing generation of dust or dirt; Sieves; Filters (B01F 35/145, B01F 35/43 take precedence)}	
N	B01F 35/184	2	{Preventing generation of dust}	
N	B01F 35/186	2	{using splash guards in mixers for avoiding dirt or projection of material}	
N	B01F 35/187	2	{using filters in mixers, e.g. during venting}	
N	B01F 35/1872	3	{Filters for micro-living organisms, i.e. filtering of the mixture}	
N	B01F 35/188	2	{using sieves in mixers for purposes other than mixing, e.g. eliminating dust during venting}	
N	B01F 35/189	2	{Venting, degassing or ventilating of gases, fumes or toxic vapours during mixing}	
Q	B01F 35/20	1	Measuring; Control or regulation	B01F 35/20, B01F 35/21
N	B01F 35/21	2	Measuring	
N	B01F 35/211	3	{of the operational parameters (B01F 35/212 and B01F 35/213 take precedence)}	
N	B01F 35/2111	4	{Flow rate}	
N	B01F 35/21111	5	{Mass flow rate}	
N	B01F 35/21112	5	{Volumetric flow rate}	
N	B01F 35/2112	4	{Level of material in a container or the position or shape of the upper surface of the material}	
N	B01F 35/2113	4	{Pressure}	
N	B01F 35/2114	4	{Speed of feeding material, e.g. bands or strips}	
N	B01F 35/2115	4	{Temperature}	

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N	B01F 35/21151	5	{using infrared radiation thermometer or pyrometer or infrared sensors for temperature measurement without contact}	
N	B01F 35/2116	4	{Volume}	
N	B01F 35/2117	4	{Weight}	
N	B01F 35/212	3	of the driving system data, e.g. torque, speed or power data	
N	B01F 35/213	3	of the properties of the mixtures, e.g. temperature, density or colour	
N	B01F 35/2131	3	{Colour or luminescence}	
N	B01F 35/2132	3	{Concentration, pH, pOH, p(ION) or oxygen-demand (B01F 35/2133 takes precedence)}	
N	B01F 35/2133	3	{Electrical conductivity or dielectric constant of the mixture}	
N	B01F 35/2134	3	{Density or solids or particle number}	
N	B01F 35/2135	3	{Humidity, e.g. moisture content}	
N	B01F 35/2136	3	{Viscosity}	
N	B01F 35/214	3	characterised by the means for measuring	
N	B01F 35/2142	4	{using wireless sensors introduced in the mixture, e.g. transponders or RFID tags, for measuring the parameters of the mixture or components to be mixed}	
N	B01F 35/2144	4	{using radiation for measuring the parameters of the mixture or components to be mixed}	
Q	B01F 35/22	2	Control or regulation	B01F 35/22, B01F 35/2201, B01F 35/2202, B01F 35/2203, B01F 35/2204, B01F 35/2205, B01F 35/2206, B01F 35/2207, B01F 35/2208, B01F 35/2209
N	B01F 35/2201	3	{characterised by the type of control technique used}	
N	B01F 35/2202	4	{Controlling the mixing process by feed-back, i.e. a measured parameter of the mixture is measured, compared with the set-value and the feed values are corrected}	
N	B01F 35/2203	4	{Controlling the mixing process by feed-forward, i.e. a parameter of the components to be mixed is measured and the feed values are calculated}	
N	B01F 35/2204	4	{Controlling the mixing process by fuzzy control, i.e. a prescribed fuzzy rule}	
N	B01F 35/2205	4	{Controlling the mixing process from a remote server, e.g. by sending commands using radio, telephone, internet, local network, GPS or other means}	
N	B01F 35/2206	4	{Use of stored recipes for controlling the computer programs, e.g. for manipulation, handling, production or composition in mixing plants (B01F 33/846 takes precedence)}	

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N	B01F 35/2207	4	{Use of data, i.e. barcodes, 3D codes or similar type of tagging information, as instruction or identification codes for controlling the computer programs, e.g. for manipulation, handling, production or compounding in mixing plants (B01F 33/848 takes precedence)}	
N	B01F 35/2208	4	{Controlling using ultrasonic waves during the operation}	
N	B01F 35/2209	4	{Controlling the mixing process as a whole, i.e. involving a complete monitoring and controlling of the mixing process during the whole mixing cycle}	
N	B01F 35/221	3	of operational parameters, e.g. level of material in the mixer, temperature or pressure	
N	B01F 35/2211	4	{Amount of delivered fluid during a period}	
N	B01F 35/2212	4	{Level of the material in the mixer}	
N	B01F 35/2213	4	{Pressure}	
N	B01F 35/2214	4	{Speed during the operation}	
N	B01F 35/22141	5	{Speed of feeding of at least one component to be mixed}	
N	B01F 35/22142	5	{Speed of the mixing device during the operation}	
N	B01F 35/221421	6	{Linear speed of the tip of a moving stirrer during the operation}	
N	B01F 35/221422	6	{Speed of rotation of the mixing axis, stirrer or receptacle during the operation}	
N	B01F 35/2215	4	{Temperature}	
N	B01F 35/2216	4	{Time, i.e. duration, of at least one parameter during the operation}	
N	B01F 35/22161	5	{duration of the mixing process or parts of it}	
N	B01F 35/22162	5	{Time of feeding of at least one of the components to be mixed}	
N	B01F 35/2217	4	{Volume of at least one component to be mixed}	
N	B01F 35/2218	4	{Weight of at least one component to be mixed}	
Q	B01F 35/222	3	of the operation of the driving system, e.g. torque, speed or power of motors; of the position of mixing devices or elements	B01F 35/222, B01F 35/214, B01F 35/2142, B01F 35/2144, B01F 35/2221
N	B01F 35/2221	4	{the position of baffles used to modify the flow in a conduit or a container}	
Q	B01F 35/30	1	Driving arrangements; Transmissions; Couplings; Brakes	B01F 35/30, B01F 35/32
N	B01F 35/31	2	Couplings	
N	B01F 35/32	2	Driving arrangements	
N	B01F 35/32005	3	{Type of drive}	
N	B01F 35/3201	4	{by using acoustic force, e.g. acoustically induced bubbles, acoustic windmill, acoustic scallop}	
N	B01F 35/32015	4	{Flow driven}	
N	B01F 35/3202	4	{Hand driven}	
N	B01F 35/32021	5	{Shaking by hand a portable receptacle or stirrer for mixing}	
N	B01F 35/32025	4	{Battery driven}	

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N	B01F 35/3203	4	{Gas driven}	
N	B01F 35/32035	4	{Gravity driven, e.g. by means of weights out of balance or plunger-weights moving in a cylinder}	
N	B01F 35/3204	4	{Motor driven, i.e. by means of an electric or IC motor}	
N	B01F 35/32045	4	{Hydraulically driven}	
N	B01F 35/3205	4	{by using optical pressure force, e.g. produced by a laser beam}	
N	B01F 35/32055	4	{by using solar energy}	
N	B01F 35/3206	4	{by the rotation of the wheels during movement}	
N	B01F 35/32065	4	{Wind driven}	
N	B01F 35/321	3	{Disposition of the drive}	
N	B01F 35/3211	4	{independent from the receptacle}	
N	B01F 35/3212	4	{mounted on the receptacle}	
N	B01F 35/3213	4	{at the lower side of the axis, e.g. driving the stirrer from the bottom of a receptacle}	
N	B01F 35/3214	4	{at the upper side of the axis, e.g. driving the stirrer from the top of a receptacle}	
N	B01F 35/3215	4	{the driving system comprising more than one motor, e.g. having an auxiliary motor or comprising independently driven elements}	
N	B01F 35/32151	5	{Driving the stirrer axis from both ends of the axis, i.e. using at least two motors per shaft}	
N	B01F 35/322	3	{Construction of driving shafts}	
N	B01F 35/323	3	{for vertical stirrer shafts (B01F 35/324 takes precedence)}	
N	B01F 35/3231	4	{Driving several stirrer shafts, e.g. about the same axis}	
N	B01F 35/324	3	{Driving independent stirrer shafts, i.e. not fitted on the container}	
N	B01F 35/325	3	{Driving reciprocating or oscillating stirrers}	
N	B01F 35/33	2	Transmissions; Means for modifying the speed or direction of rotation	
N	B01F 35/331	3	{alternately changing the speed of rotation}	
N	B01F 35/332	3	{alternately changing the direction of rotation}	
N	B01F 35/333	3	{the rotation sense being changeable, e.g. to mix or aerate, to move a fluid forward or backward or to suck or blow}	
N	B01F 35/34	2	{Brake mechanisms}	
N	B01F 2035/35	2	{Use of other general mechanical engineering elements in mixing devices}	
N	B01F 2035/351	3	{Sealings}	
N	B01F 2035/3511	4	{for laboratory mixers}	
N	B01F 2035/3512	4	{Fluid sealings, e.g. using liquids or air under pressure which is leaking into the mixing receptacle}	
N	B01F 2035/3513	4	{comprising a stationary member in frontal contact with a movable member}	
N	B01F 2035/352	3	{Bearings}	
N	B01F 2035/353	3	{Lubricating systems}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 35/40	1	Mounting or supporting mixing devices or receptacles; Clamping or holding arrangements therefor	
N	B01F 35/41	2	Mounting or supporting stirrer shafts or stirrer units on receptacles	
N	B01F 35/411	3	{by supporting only one extremity of the shaft}	
N	B01F 35/4111	4	{at the top of the receptacle}	
N	B01F 35/4112	4	{at the bottom of the receptacle, e.g. by studs}	
N	B01F 35/4113	4	{at a side wall of the receptacle}	
N	B01F 35/412	3	{by supporting both extremities of the shaft}	
N	B01F 35/4121	4	{at the top and at the bottom of the receptacle, e.g. for performing a conical orbital movement about a vertical axis}	
N	B01F 35/4122	4	{at the side walls of the receptacle}	
N	B01F 35/413	3	{by means of clamps or clamping arrangements for fixing attached stirrers or independent stirrer units}	
N	B01F 35/414	3	{using inflatable arrangements for supporting a stirring element}	
N	B01F 35/42	2	Clamping or holding arrangements for mounting receptacles on mixing devices	
N	B01F 35/421	3	{having a cup-shaped or cage-type form}	
N	B01F 35/422	3	{having a jaw-type or finger-type shape}	
N	B01F 35/423	3	{of the vertically movable, two-plates type}	
N	B01F 35/424	3	{by means of an air cushion used for supporting the mixing receptacle}	
N	B01F 35/425	3	{Holding arrangements for retaining loose elements of the mixing receptacle, e.g. for holding the handle of a can, while it is being shaken}	
N	B01F 35/43	2	Supporting receptacles on frames or stands	
N	B01F 35/45	1	Closures or doors specially adapted for mixing receptacles; Operating mechanisms therefor	
N	B01F 35/451	2	{by rotating them about an axis parallel to the plane of the opening}	
N	B01F 35/452	2	{by moving them in the plane of the opening (B01F 35/454 takes precedence)}	
N	B01F 35/4521	3	{by rotating them about an axis perpendicular to the plane of the opening}	
N	B01F 35/453	2	{by moving them perpendicular to the plane of the opening}	
N	B01F 35/4531	3	{and moving them afterwards in another direction}	
N	B01F 35/454	2	{Moving covers on a cylindrical drum in a circular path along the drum}	
N	B01F 35/50	1	Mixing receptacles	
N	B01F 35/51	2	characterised by their material	
N	B01F 35/511	2	provided with liners, e.g. wear resistant or flexible liners	
N	B01F 35/512	2	characterised by surface properties, e.g. coated or rough	
N	B01F 35/513	2	Flexible receptacles, e.g. bags supported by rigid containers	

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N	B01F 35/514	2	{the mixing receptacle or conduit being transparent or comprising transparent parts}	
N	B01F 35/52	2	Receptacles with two or more compartments	
N	B01F 35/522	3	{comprising compartments keeping the materials to be mixed separated until the mixing is initiated (containers or packages for packaging two or more different materials which must be maintained separate prior to use in admixture B65D81/32)}	
N	B01F 35/53	2	characterised by the configuration of the interior, e.g. baffles for facilitating the mixing of components	
N	B01F 35/531	3	{with baffles, plates or bars on the wall or the bottom}	
N	B01F 35/5311	4	{with horizontal baffles mounted on the walls}	
N	B01F 35/5312	4	{with vertical baffles mounted on the walls}	
N	B01F 35/532	3	{with guide tubes on the wall or the bottom}	
N	B01F 35/54	2	{Closely surrounding the rotating element}	
Q	B01F 35/55	1	{Baffles; Flow breakers (B01F 35/531 takes precedence)}	B01F 35/55, B01F 27/63, B01F 35/531, B01F 35/5311, B01F 35/5312
N	B01F 35/56	1	{General build-up of the mixers}	
N	B01F 35/561	2	{the mixer being built-up from a plurality of modules or stacked plates comprising complete or partial elements of the mixer}	
N	B01F 35/562	2	{the mixer or mixing elements being collapsible, i.e. when discharging the products}	
N	B01F 35/5621	3	{the complete mixer being collapsible, i.e. the housing can be collapsed}	
N	B01F 35/60	1	Safety arrangements	
N	B01F 35/602	2	{with a safety or relief valve}	
N	B01F 35/605	2	{Safety devices concerning the operation of the mixer}	
N	B01F 35/6052	3	{with locking, blocking or interlocking mechanisms for preventing operation of the actuation mechanism of the mixing device}	

| Q | B01F 35/71 | 1 | Feed mechanisms (with proportioning B01F 35/80) | B01F 35/71, B01F 35/711, B01F 35/712, B01F 35/713, B01F 35/7131, B01F 35/7132, B01F 35/7133, B01F 35/7134, B01F 35/7135, B01F 35/7136, B01F 35/7137, B01F 35/7138, B01F 35/7139, B01F 35/714, B01F 35/7141, B01F 35/71411, B01F 35/714111, B01F 35/714112, B01F 35/715, B01F 35/716, B01F 35/7161, B01F 35/7162, B01F 35/7163, B01F 35/7164, B01F 35/717, B01F 35/71705, B01F 35/7171, B01F 35/71715, B01F 35/7172, B01F 35/71725, B01F 35/7173, B01F 35/71731, B01F 35/71735, B01F 35/7174, B01F 35/71745, B01F 35/7175, B01F 35/71755, B01F 35/717551, B01F 35/7176, B01F 35/71761, B01F 35/717611, B01F 35/717612, B01F 35/717613, B01F 35/717614, B01F 35/71765, B01F 35/7177, B01F 35/71775, B01F 35/7178, B01F 35/71785, B01F 35/7179, B01F 35/71791, B01F 35/71795, B01F 35/718, B01F 35/71801, B01F 35/71805, B01F 35/718051, B01F 35/7181, B01F 35/71815, B01F 35/7182, B01F 35/71825, B01F35/75, B01F 35/751, B01F 35/7511, B01F 35/752, B01F 35/753, B01F 35/754, B01F 35/7541, B01F 35/75415, B01F 35/7542, B01F 35/75425, B01F 35/754251, B01F 35/7543, B01F 35/75435, B01F 35/754351, B01F 35/7544, B01F 35/75441, B01F 35/75445, B01F 35/7545, B01F 35/75455, B01F 35/754551, B01F 35/7546, B01F 35/75465, B01F 35/7547, B01F 35/75471, B01F 35/75475, B01F 35/7548, B01F 35/75485, |

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
				B01F 35/7549, B01F 35/80, B01F 35/81 B01F 35/82, B01F 35/83 B01F 35/831, B01F 35/8311 B01F 35/832, B01F 35/833 B01F 35/8331, B01F 35/834 B01F 35/88, B01F 35/881 B01F 35/8811, B01F 35/882 B01F 35/8821, B01F 35/8822, B01F 35/88221 B01F 35/88222, B01F 35/8823, B01F 35/883 B01F 35/892, B01F 35/8921 B01F 35/894, B01F 35/896
N	B01F 35/711	2	{for feeding a mixture of components, i.e. solids in liquid, solids in a gas stream}	
N	B01F 35/712	2	{for feeding fluids}	
N	B01F 35/713	2	{comprising breaking packages or parts thereof, e.g. piercing or opening sealing elements between compartments or cartridges (containers or packages per se B65D)}	
N	B01F 35/7131	3	{Breaking or perforating packages, containers or vials}	
N	B01F 35/7132	3	{the package containing one of the components dissolves when in contact with the other component of the mixture (disintegrable, dissolvable or edible packaging materials B65D 65/46)}	
N	B01F 35/7133	3	{Opening clips which seal openings between the compartments}	
N	B01F 35/7134	3	{Dissolving the seal when in contact with one of the products to be mixed, thereby bringing the compartments in communication}	
N	B01F 35/7135	3	{Opening the seal between the compartments by application of heat}	
N	B01F 35/7136	3	{Opening hooks which lock or close-off openings between compartments}	
N	B01F 35/7137	3	{Piercing, perforating or melting membranes or closures which seal the compartments}	
N	B01F 35/7138	3	{Opening valves which close-off openings between compartments}	
N	B01F 35/7139	3	{Removing separation walls, plugs which close off the different compartments, e.g. by rotation or axially sliding}	
N	B01F 35/714	2	{for feeding predetermined amounts (B01F 35/88 takes precedence)}	
N	B01F 35/7141	3	{using measuring chambers moving between a loading and unloading position, e.g. reciprocating feed frames}	
N	B01F 35/71411	4	{rotating or oscillating about an axis}	

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N	B01F 35/714111	5	{the measuring chambers being pockets on the circumference of a drum rotating about a horizontal axis with discharging by gravity}	
N	B01F 35/714112	5	{the measuring chambers being channels extending between both front faces of a rotating cylinder or disc}	
N	B01F 35/715	2	{Feeding the components in several steps, e.g. successive steps}	
N	B01F 35/716	2	{characterised by the relative arrangement of the containers for feeding or mixing the components}	
N	B01F 35/7161	3	{the containers being connected coaxially before contacting the contents}	
N	B01F 35/7162	3	{A container being placed inside the other before contacting the contents}	
N	B01F 35/7163	3	{the containers being connected in a mouth-to-mouth, end-to-end disposition, i.e. the openings are juxtaposed before contacting the contents}	
N	B01F 35/7164	3	{the containers being placed in parallel before contacting the contents}	
N	B01F 35/717	2	{characterised by the means for feeding the components to the mixer}	
Q	B01F 35/71705	3	{using belts}	B01F 35/71705, B01F 35/71731, B01F 35/71775
N	B01F 35/7171	3	{using boxes, closable containers, sacks or carts}	
N	B01F 35/71715	3	{using buckets, cups or open containers}	
N	B01F 35/7172	3	{using capillary forces}	
N	B01F 35/71725	3	{using centrifugal forces}	
N	B01F 35/7173	3	{using gravity, e.g. from a hopper}	
N	B01F 35/71731	4	{using a hopper}	
N	B01F 35/71735	3	{using grippers}	
N	B01F 35/7174	3	{using pistons, plungers or syringes}	
N	B01F 35/71745	3	{using pneumatic pressure, overpressure, gas or air pressure in a closed receptacle or circuit system}	
N	B01F 35/7175	3	{using propellers}	
N	B01F 35/71755	3	{using means for feeding components in a pulsating or intermittent manner}	
N	B01F 35/717551	4	{using electrical pulses}	
N	B01F 35/7176	3	{using pumps}	
N	B01F 35/71761	4	{Membrane pumps}	
N	B01F 35/717611	4	{Peristaltic pumps}	
N	B01F 35/717612	4	{Piezoelectric pumps}	
N	B01F 35/717613	4	{Piston pumps}	
N	B01F 35/717614	4	{Venturi pumps}	
N	B01F 35/71765	3	{using rakes or plain plates with raking movement}	
N	B01F 35/7177	3	{using rollers}	
N	B01F 35/71775	3	{using helical screws}	
N	B01F 35/7178	3	{using shovels or scoops}	

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N	B01F 35/71785	3	{using slides or vibrating tables}	
N	B01F 35/7179	3	{using sprayers, nozzles or jets}	
N	B01F 35/71791	4	{using ink jet heads or cartridges, e.g. of the thermal bubble jet or piezoelectric type}	
N	B01F 35/71795	3	{Squeezing a flexible container}	
N	B01F 35/718	3	{using vacuum, under pressure in a closed receptacle or circuit system}	
N	B01F 35/71801	4	{using a syphon to create a suction of a component}	
N	B01F 35/71805	3	{using valves, gates, orifices or openings}	
N	B01F 35/718051	4	{being adjustable}	
N	B01F 35/7181	3	{using fans or turbines}	
N	B01F 35/71815	3	{using vibrations, e.g. standing waves or ultrasonic vibrations}	
N	B01F 35/7182	3	{with means for feeding the material with a fractal or tree-type distribution in a surface}	
N	B01F 35/71825	3	{using means for feeding one phase surrounded by another phase without mixing during the feeding}	
N	B01F 35/75	1	Discharge mechanisms	
N	B01F 35/751	2	{Discharging by opening a gate, e.g. using discharge paddles}	
N	B01F 35/7511	3	{the gate carrying a stirrer acting as discharge pump}	
N	B01F 35/752	2	{with arrangements for converting the mechanism from mixing to discharging, e.g. by either guiding a mixture back into a receptacle or discharging it}	
N	B01F 35/753	2	{Discharging at the upper side of the receptacle, e.g. by pressurising the liquid in the receptacle or by centrifugal force}	
N	B01F 35/754	2	{characterised by the means for discharging the components from the mixer}	
N	B01F 35/7541	3	{using belts}	
N	B01F 35/75415	3	{using gravity}	
N	B01F 35/7542	3	{Discharging the components by overflow}	
N	B01F 35/75425	3	{using pistons or plungers}	
N	B01F 35/754251	4	{reciprocating in the mixing receptacle}	
N	B01F 35/7543	3	{using pneumatic pressure, overpressure or gas pressure in a closed receptacle or circuit system}	
N	B01F 35/75435	3	{using means for discharging the mixture in a pulsating or intermittent manner}	
N	B01F 35/754351	4	{using electrical pulses}	
N	B01F 35/7544	3	{using pumps}	
N	B01F 35/75441	4	{Venturi pumps}	
N	B01F 35/75445	3	{using pushers}	
N	B01F 35/7545	3	{using slides}	
N	B01F 35/75455	3	{using a rotary discharge means, e.g. a screw beneath the receptacle (B01F 35/751 takes precedence)}	
N	B01F 35/754551	4	{using helical screws}	
N	B01F 35/7546	3	{using squeezing means on a deformable container}	

CPC NOTICE OF CHANGES 1248

DATE: JANUARY 1, 2022

PROJECT RP0757

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 35/75465	3	{using suction, vacuum, e.g. with a pipette}	
N	B01F 35/7547	3	{using valves, gates, orifices or openings}	
N	B01F 35/75471	4	{being adjustable}	
N	B01F 35/75475	3	{using fans or ventilators}	
N	B01F 35/7548	3	{using tilting or pivoting means for emptying the mixing receptacle}	
N	B01F 35/75485	3	{the mixing receptacle rotating in opposite directions for mixing and for discharging}	
N	B01F 35/7549	3	{using distributing means, e.g. manifold valves or multiple fittings for supplying the discharge components to a plurality of dispensing places}	
N	B01F 35/79	1	{Preventing lumping, or comminuting lumps, during feeding or discharging, e.g. by means of vibrations, or by scrapers}	
N	B01F 35/80	1	Forming a predetermined ratio of the substances to be mixed (controlling ratio of two or more flows of fluid or fluent material G05D 11/02)	
N	B01F 35/81	2	Forming mixtures with changing ratios or gradients	
N	B01F 35/82	2	by adding a material to be mixed to a mixture in response to a detected feature, e.g. density, radioactivity, consumed power or colour	
N	B01F 35/83	2	by controlling the ratio of two or more flows, e.g. using flow sensing or flow controlling devices	
N	B01F 35/831	3	{using one or more pump or other dispensing mechanisms for feeding the flows in predetermined proportion, e.g. one of the pumps being driven by one of the flows (B01F 35/832 takes precedence)}	
N	B01F 35/8311	4	{with means for controlling the motor driving the pumps or the other dispensing mechanisms}	
N	B01F 35/832	3	{Flow control by weighing}	
N	B01F 35/833	3	{Flow control by valves, e.g. opening intermittently}	
N	B01F 35/8331	4	{the flow of one component operating the actuator of the valve, e.g. by deforming a membrane which operates de valve actuator}	
N	B01F 35/834	3	{the flow of substances to be mixed circulating in a closed circuit, e.g. from a container through valve, driving means, metering means or dispensing means, e.g. 3-way valve, and back to the container}	
N	B01F 35/88	2	by feeding the materials batchwise	
N	B01F 35/881	3	{by weighing, e.g. with automatic discharge}	
N	B01F 35/8811	4	{the weighing being effected by material receiving containers rotating or tilting under the influence of the weight of the material in those containers}	
N	B01F 35/882	3	{using measuring chambers, e.g. volumetric pumps, for feeding the substances}	
N	B01F 35/8821	4	{involving controlling}	
N	B01F 35/8822	4	{using measuring chambers of the piston or plunger type (B01F 35/8823 takes precedence)}	

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N	B01F 35/88221	5	{with double acting pistons (B01F 35/88222 takes precedence)}	
N	B01F 35/88222	5	{without external means for driving the piston, e.g. the piston being driven by one of the components}	
N	B01F 35/8823	4	{using diaphragms or bellows}	
N	B01F 35/883	3	{using flow rate controls for feeding the substances}	
N	B01F 35/892	2	{for solid materials, e.g. using belts, vibrations, hoppers with variable outlets or hoppers with rotating elements, e.g. screws, at their outlet (B01F 35/82 - B01F 35/88 take precedence)}	
N	B01F 35/8921	3	{the material after falling on a, e.g. rotatable, plate being wiped from this plate by means of a scraper}	
N	B01F 35/894	2	{Measuring receptacles therefor}	
N	B01F 35/896	2	{characterised by the build-up of the device}	
N	B01F 35/90	1	Heating or cooling systems	
N	B01F 35/91	2	using gas or liquid injected into the material, e.g. using liquefied carbon dioxide or steam	
N	B01F 35/92	2	for heating the outside of the receptacle, e.g. heated jackets or burners	
N	B01F 35/93	2	arranged inside the receptacle	
N	B01F 35/94	2	using radiation, e.g. microwaves or electromagnetic radiation	
N	B01F 35/95	2	using heated or cooled stirrers	
N	B01F 2035/98	2	{Cooling}	
N	B01F 2035/99	2	{Heating}	
N	B01F 2101/00	0	Mixing characterised by the nature of the mixed materials or by the application field	
N	B01F 2101/005	1	{Mixing or agitating manure, dung}	
N	B01F 2101/02	1	Mixing or agitating during harvesting or mowing, e.g. mixing with solid harvested products or particles	
N	B01F 2101/04	1	Mixing biocidal, pesticidal or herbicidal ingredients used in agriculture or horticulture, e.g. for spraying	
N	B01F 2101/06	1	Mixing of food ingredients	
N	B01F 2101/07	2	Mixing ingredients into milk or cream, e.g. aerating	
N	B01F 2101/08	2	Mixing of dough	
N	B01F 2101/09	2	Mixing of cereals, grains or seeds materials	
N	B01F 2101/10	2	Mixing of butter or margarine ingredients	
N	B01F 2101/11	2	Mixing of cheese ingredients	
N	B01F 2101/12	2	Mixing of chocolate ingredients	
N	B01F 2101/13	2	Mixing of ice-cream ingredients	
N	B01F 2101/14	2	Mixing of ingredients for non-alcoholic beverages; Dissolving sugar in water	
N	B01F 2101/15	2	Mixing of beer ingredients	
N	B01F 2101/16	2	Mixing wine or other alcoholic beverages; Mixing ingredients thereof	
N	B01F 2101/17	3	Aeration of wine	
N	B01F 2101/18	2	Mixing animal food ingredients	

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N	B01F 2101/1805	1	{Kitchen, household equipment for mixing}	
N	B01F 2101/19	1	Mixing dentistry compositions	
N	B01F 2101/20	1	Mixing of ingredients for bone cement	
N	B01F 2101/21	1	Mixing of ingredients for cosmetic or perfume compositions	
N	B01F 2101/22	1	Mixing of ingredients for pharmaceutical or medical compositions	
N	B01F 2101/2202	1	{Mixing compositions or mixers in the medical or veterinary field}	
N	B01F 2101/2204	1	{Mixing chemical components in generals in order to improve chemical treatment or reactions, independently from the specific application}	
N	B01F 2101/23	1	Mixing of laboratory samples e.g. in preparation of analysing or testing properties of materials	
N	B01F 2101/2305	1	{Mixers of the two-component package type, i.e. where at least two components are separately stored, and are mixed in the moment of application}	
N	B01F 2101/24	1	Mixing of ingredients for cleaning compositions	
N	B01F 2101/25	1	Mixing waste with other ingredients	
N	B01F 2101/26	1	Mixing ingredients for casting metals	
N	B01F 2101/27	1	Mixing ingredients for grinding, polishing or lapping materials	
N	B01F 2101/28	1	Mixing cement, mortar, clay, plaster or concrete ingredients	
N	B01F 2101/2805	1	{Mixing plastics, polymer material ingredients, monomers or oligomers}	
N	B01F 2101/30	1	Mixing paints or paint ingredients, e.g. pigments, dyes, colours, lacquers or enamel	
N	B01F 2101/305	1	{Treatment of water, waste water or sewage}	
N	B01F 2101/32	1	Mixing fertiliser ingredients	
N	B01F 2101/33	2	Mixing compost ingredients or organic waste	
N	B01F 2101/34	1	Mixing fuel and prill, i.e. water or other fluids mixed with solid explosives, to obtain liquid explosive fuel emulsions or slurries	
N	B01F 2101/35	1	Mixing inks or toners	
N	B01F 2101/36	1	Mixing of ingredients for adhesives or glues; Mixing adhesives and gas	
N	B01F 2101/38	1	Mixing of asphalt, bitumen, tar or pitch or their ingredients	
N	B01F 2101/39	1	Mixing of ingredients for grease or lubricating compositions	
N	B01F 2101/40	1	Mixing of ingredients for oils, fats or waxes	
N	B01F 2101/44	1	Mixing of ingredients for microbiology, enzymology, in vitro culture or genetic manipulation	
N	B01F 2101/45	1	Mixing in metallurgical processes of ferrous or non-ferrous materials	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B01F 2101/4505	1	{Mixing ingredients comprising detergents, soaps, for washing, e.g. washing machines}	
N	B01F 2101/47	1	Mixing of ingredients for making paper pulp, e.g. wood fibres or wood pulp	
N	B01F 2101/48	1	Mixing water in water-taps with other ingredients, e.g. air, detergents or disinfectants	
N	B01F 2101/49	1	Mixing drilled material or ingredients for well-drilling, earth-drilling or deep-drilling compositions with liquids to obtain slurries	
N	B01F 2101/50	1	Mixing mined ingredients and liquid to obtain slurries	
N	B01F 2101/501	1	{Mixing combustion ingredients, e.g. gases, for burners or combustion chambers}	
N	B01F 2101/503	1	{Mixing fuel or propellant and water or gas, e.g. air, or other fluids, e.g. liquid additives to obtain fluid fuel}	
N	B01F 2101/505	1	{Mixing fuel and water or other fluids to obtain liquid fuel emulsions}	
N	B01F 2101/54	1	Mixing liquid fragrances with air	
N	B01F 2101/55	1	Mixing liquid air humidifiers with air	
N	B01F 2101/56	1	Mixing photosensitive chemicals or photographic base materials	
N	B01F 2101/57	1	Mixing radioactive materials, e.g. nuclear materials	
N	B01F 2101/58	1	Mixing semiconducting materials, e.g. during semiconductor or wafer manufacturing processes	
N	B01F 2101/59	1	Mixing reaction ingredients for fuel cells	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:
- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups).Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types .
- "Transferred to" column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.

- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("Transferred to") symbol, however it is required to specify "<no transfer>" in the "Transferred to" column for such cases.
- For finalisation projects, the deleted "F" symbols should have <no transfer> in the "Transferred to" column.
- For more details about the types of scheme change, see CPC Guide**.**

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SUBCLASS B44D - PAINTING OR ARTISTIC DRAWING, NOT OTHERWISE PROVIDED FOR; PRESERVING PAINTINGS; SURFACE TREATMENT TO OBTAIN SPECIAL ARTISTIC SURFACE EFFECTS OR FINISHES

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	B44D 3/06	1	Implements for stirring or mixing paints	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only <u>subclasses</u>, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} <u>are</u> used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups).Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types .
- "Transferred to" column <u>must</u> be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("Transferred to") symbol, however it is required to specify "<no transfer>" in the "Transferred to" column for such cases.
- For finalisation projects, the deleted "F" symbols should have <no transfer> in the "Transferred to" column.
- For more details about the types of scheme change, see CPC Guide**.**

SUBCLASS C09K - MATERIALS FOR MISCELLANEOUS APPLICATIONS, NOT PROVIDED FOR ELSEWHERE

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
Q	C09K 23/00	0	Use of substances as emulsifying, wetting, dispersing, or foam-producing agents	C09K 23/00, C09K 23/005, C09K 23/02, C09K 23/04, C09K 23/06, C09K 23/08, C09K 23/10, C09K 23/12, C09K 23/14, C09K 23/16, C09K 23/18, C09K 23/20, C09K 23/22, C09K 23/24, C09K 23/26, C09K 23/28, C09K 23/30, C09K 23/32, C09K 23/34, C09K 23/36, C09K 23/38, C09K 23/40, C09K 23/42, C09K 23/44, C09K 23/46, C09K 23/48, C09K 23/50, C09K 23/52, C09K 23/54, C09K 23/56
N	C09K 23/002	1	{Inorganic compounds}	
N	C09K 23/003	1	{Organic compounds containing only carbon and hydrogen}	
N	C09K 23/005	1	{Organic compounds containing selenium or tellurium}	
N	C09K 23/007	1	{Organic compounds containing halogen}	
N	C09K 23/017	1	{Mixtures of compounds}	
N	C09K 23/018	2	{Mixtures of two or more different organic oxygen-containing compounds}	
N	C09K 23/02	1	Alkyl sulfonates or sulfuric acid ester salts derived from monohydric alcohols	
N	C09K 23/04	1	Sulfonates or sulfuric acid ester salts derived from polyhydric alcohols or amino alcohols or derivatives thereof (sulfated or sulfonated fatty oils C09K23/08)	
N	C09K 23/06	1	Esters of higher fatty acids with hydroxyalkylated sulfonic acids or salts thereof	
N	C09K 23/08	1	Sulfation or sulfonation products of fats, oils, waxes, or higher fatty acids or esters thereof with monovalent alcohols	
N	C09K 23/10	1	Derivatives of low-molecular-weight sulfocarboxylic acids or sulfopolycarboxylic acids	
N	C09K 23/12	1	Sulfonates of aromatic or alkylated aromatic compounds	
Q	C09K 23/14	1	Derivatives of phosphoric acid	C09K 23/14, C09K 23/20
Q	C09K 23/16	1	Amines or polyamines	C09K 23/16, C09K 23/30
N	C09K 23/18	1	Quaternary ammonium compounds	
N	C09K 23/20	1	Phosphonium and sulfonium compounds	
N	C09K 23/22	1	Amides or hydrazides	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	C09K 23/24	2	Amides of higher fatty acids with aminoalkylated sulfonic acids	
N	C09K 23/26	1	Sulfonamides	
N	C09K 23/28	1	Aminocarboxylic acids (proteins and protein hydrolysates C09K23/30)	
N	C09K 23/30	1	Proteins; Protein hydrolysates	
N	C09K 23/32	1	Heterocyclic compounds	
N	C09K 23/34	1	Higher-molecular-weight carboxylic acid esters (esters of higher fatty acids with hydroxyalkylated sulfonic acids or salts thereof C09K23/06)	
N	C09K 23/36	2	Esters of polycarboxylic acids	
N	C09K 23/38	1	Alcohols, e.g. oxidation products of paraffins	
N	C09K 23/40	1	Phenols	
N	C09K 23/42	1	Ethers, e.g. polyglycol ethers of alcohols or phenols	
N	C09K 23/44	2	Ether carboxylic acids	
N	C09K 23/46	2	Ethers of aminoalcohols	
N	C09K 23/48	2	Cellulose ethers	
N	C09K 23/50	1	Derivatives of lignin	
N	C09K 23/52	1	Natural or synthetic resins or their salts	
N	C09K 23/54	1	Silicon compounds	
N	C09K 23/56	1	Glucosides; Mucilage; Saponins	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:
- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups).Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types .
- "Transferred to" column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".

- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("Transferred to") symbol, however it is required to specify "<no transfer>" in the "Transferred to" column for such cases.
- For finalisation projects, the deleted "F" symbols should have <no transfer> in the "Transferred to" column.
- For more details about the types of scheme change, see CPC Guide.

B. New, Modified or Deleted Warning(s)

SUBCLASS B01F - MIXING, e.g. DISSOLVING, EMULSIFYING, DISPERSING

Type*	Location	Old Warning	New/Modified Warning
M	B01F	1.The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B01F17/02-B01F17/56 covered by B01F 17/00-B01F 17/0092 2.In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.	In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.
N	B01F 23/2312		Group B01F 23/2312 is impacted by reclassification into groups B01F 23/23121, B01F 23/23122, B01F 23/23123, B01F 23/231231, B01F 23/231232, B01F 23/231233, B01F 23/23124, B01F 23/231241, B01F 23/231242, B01F 23/231243, B01F 23/231244, B01F 23/231245, B01F 23/23125, B01F 23/23126, B01F 23/231261, B01F 23/231262, B01F 23/231263, B01F 23/231264, B01F 23/231265, B01F 23/231266, B01F 23/231267, B01F 23/231268, B01F 23/231269 and B01F 23/23127. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/23121		Group B01F 23/23121 is incomplete pending reclassification of documents from group B01F 23/2312. Groups B01F 23/2312 and B01F 23/23121 should be considered in order to perform a complete search.
N	B01F 23/23122		Group B01F 23/23122 is incomplete pending reclassification of documents from group B01F 23/2312. Groups B01F 23/2312 and B01F 23/23122 should be considered in order to perform a complete search.
N	B01F 23/23123		Group B01F 23/23123 is incomplete pending reclassification of documents from group B01F 23/2312. Group B01F 23/23123 is also impacted by reclassification into groups B01F 23/23124, B01F 23/231241, B01F 23/231242, B01F 23/231243, B01F 23/231244 and B01F 23/231245. All groups listed in this Warning should be considered in order to perform a complete search.

Type*	Location	Old Warning	New/Modified Warning
N	B01F 23/231231		Group B01F 23/231231 is incomplete pending reclassification of documents from group B01F 23/2312. Group B01F 23/231231 is also impacted by reclassification into groups B01F 23/231241 and B01F 23/231242. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/231232		Group B01F 23/231232 is incomplete pending reclassification of documents from group B01F 23/2312. Group B01F 23/231232 is also impacted by reclassification into group B01F 23/231242. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/231233		Group B01F 23/231233 is incomplete pending reclassification of documents from group B01F 23/2312. Group B01F 23/231233 is also impacted by reclassification into group B01F 23/231243. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/23124		Groups B01F 23/23124, B01F 23/231244, and B01F 23/231245 are incomplete pending reclassification of documents from groups B01F 23/2312 and B01F 23/23123. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/231241		Group B01F 23/231241 is incomplete pending reclassification of documents from groups B01F 23/2312, B01F 23/23123, and B01F 23/231231. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/231242		Group B01F 23/231242 is incomplete pending reclassification of documents from groups B01F 23/2312, B01F 23/23123, B01F 23/231231, and B01F 23/231232. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/231243		Group B01F 23/231243 is incomplete pending reclassification of documents from groups B01F 23/2312, B01F 23/23123 and B01F 23/231233. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/231244		Group B01F 23/231244 is incomplete pending reclassification of documents from groups B01F 23/2312 and B01F 23/23123. Groups B01F 23/2312 and B01F 23/231244 should be considered in order to perform a complete search.
N	B01F 23/231245		Group B01F 23/231245 is incomplete pending reclassification of documents from groups B01F 23/2312 and B01F 23/23123. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/23125		Group B01F 23/23125 is incomplete pending reclassification of documents from group B01F 23/2312. Groups B01F 23/2312 and B01F 23/23125 should be considered in order to perform a complete search.
N	B01F 23/23126		Groups B01F 23/23126-B01F 23/23127 are incomplete pending reclassification of documents from group B01F 23/2312. All groups listed in this Warning should be considered in order to perform a complete search.

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Type*	Location	Old Warning	New/Modified Warning
N	B01F 23/232		Group B01F 23/232 is impacted by reclassification into group B01F 23/2326. Groups B01F 23/232 and B01F 23/2326 should be considered in order to perform a complete search.
N	B01F 23/2326		Group B01F 23/2326 is incomplete pending reclassification of documents from group B01F 23/232. Groups B01F 23/232 and B01F 23/2326 should be considered in order to perform a complete search.
N	B01F 23/2373		Group B01F 23/2373 is impacted by reclassification into group B01F 23/2375. Groups B01F 23/2373 and B01F 23/2375 should be considered in order to perform a complete search.
N	B01F 23/2375		Group B01F 23/2375 is incomplete pending reclassification of documents from group B01F 23/2373. Groups B01F 23/2373 and B01F 23/2375 should be considered in order to perform a complete search.
N	B01F 23/2376		Group B01F 23/2376 is impacted by reclassification into groups B01F 23/23761, B01F 23/237611, B01F 23/237612, B01F 23/237613, B01F 23/23762, B01F 23/237621, B01F 23/23763, B01F 23/23764, B01F 23/23765, B01F 23/23766 and B01F 23/23767. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/23761		Groups B01F 23/23761, B01F 23/237611, B01F 23/237612 and B01F 23/237613 are incomplete pending reclassification of documents from group B01F 23/2376. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 23/23762		Groups B01F 23/23762 and B01F 23/237621 are incomplete pending reclassification of documents from group B01F 23/2376. Groups B01F 23/2376, B01F 23/23762 and B01F 23/237621 should be considered in order to perform a complete search.
N	B01F 23/23763		Group B01F 23/23763 is incomplete pending reclassification of documents from group B01F 23/2376. Groups B01F 23/2376 and B01F 23/23763 should be considered in order to perform a complete search.
N	B01F 23/23764		Group B01F 23/23764 is incomplete pending reclassification of documents from group B01F 23/2376. Groups B01F 23/2376 and B01F 23/23764 should be considered in order to perform a complete search.
N	B01F 23/23765		Group B01F 23/23765 is incomplete pending reclassification of documents from group B01F 23/2376. Groups B01F 23/2376 and B01F 23/23765 should be considered in order to perform a complete search.
N	B01F 23/23766		Group B01F 23/23766 is incomplete pending reclassification of documents from group B01F 23/2376. Groups B01F 23/2376 and B01F 23/23766 should be considered in order to perform a complete search.

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Type*	Location	Old Warning	New/Modified Warning
N	B01F 23/23767		Group B01F 23/23767 is incomplete pending reclassification of documents from group B01F 23/2376. Groups B01F 23/2376 and B01F 23/23767 should be considered in order to perform a complete search.
N	B01F 25/431		Group B01F 25/431 is impacted by reclassification into groups B01F 25/4311, B01F 25/4312, B01F 25/4313, B01F 25/4314, B01F 25/43141, B01F 25/4315, B01F 25/43151, B01F 25/4316, B01F 25/43161, B01F 25/43162, B01F 25/43163, B01F 25/4317, B01F 25/43171, B01F 25/43172, B01F 25/4318, B01F 25/4319, B01F 25/43195, B01F 25/431951, B01F 25/431952, B01F 25/43197, B01F 25/431971, B01F 25/431972, B01F 25/431973 and B01F 25/431974. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 25/4311		Group B01F 25/4311 is incomplete pending reclassification of documents from group B01F 25/431. Groups B01F 25/431 and B01F 25/4311 should be considered in order to perform a complete search.
N	B01F 25/4312		Group B01F 25/4312 is incomplete pending reclassification of documents from group B01F 25/431. Groups B01F 25/431 and B01F 25/4312 should be considered in order to perform a complete search.
N	B01F 25/4313		Group B01F 25/4313 is incomplete pending reclassification of documents from group B01F 25/431. Groups B01F 25/431 and B01F 25/4313 should be considered in order to perform a complete search.
N	B01F 25/4314		Groups B01F 25/4314 and B01F 25/43141 are incomplete pending reclassification of documents from groups B01F 25/431 and B01F 25/4315. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 25/4315		Group B01F 25/4315 is incomplete pending reclassification of documents from group B01F 25/431. Group B01F 25/4315 is also impacted by reclassification into groups B01F 25/43151, B01F 25/4314 and B01F 25/43141. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 25/43151		Group B01F 25/43151 is incomplete pending reclassification of documents from groups B01F 25/431 and B01F 25/4315. Groups B01F 25/431, B01F 25/4315 and B01F 25/43151 should be considered in order to perform a complete search.
N	B01F 25/4316		Group B01F 25/4316 is incomplete pending reclassification of documents from group B01F 25/431. Group B01F 25/4316 is also impacted by reclassification into group B01F 25/43161. Groups B01F 25/431, B01F 25/4316 and B01F 25/43161 should be considered in order to perform a complete search.
N	B01F 25/43161		Group B01F 25/43161 is incomplete pending reclassification of documents from groups B01F 25/431 and B01F 25/4316. Groups B01F 25/431, B01F 25/4316 and B01F 25/43161 should be considered in order to perform a complete search.

Type*	Location	Old Warning	New/Modified Warning
N	B01F 25/43162		Group B01F 25/43162 is incomplete pending reclassification of documents from group B01F 25/431. Groups B01F 25/431 and B01F 25/43162 should be considered in order to perform a complete search.
N	B01F 25/43163		Group B01F 25/43163 is incomplete pending reclassification of documents from group B01F 25/431. Groups B01F 25/431 and B01F 25/43163 should be considered in order to perform a complete search.
N	B01F 25/4317		Groups B01F 25/4317-B01F 25/43172 are incomplete pending reclassification of documents from group B01F 25/431. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 25/4318		Group B01F 25/4318 is incomplete pending reclassification of documents from group B01F 25/431. Groups B01F 25/431 and B01F 25/4318 should be considered in order to perform a complete search.
N	B01F 25/4319		Group B01F 25/4319 is incomplete pending reclassification of documents from group B01F 25/431. Groups B01F 25/431 and B01F 25/4319 should be considered in order to perform a complete search.
N	B01F 25/43195		Groups B01F 25/43195-B01F 25/431952 are incomplete pending reclassification of documents from group B01F 25/431. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 25/43197		Groups B01F 25/43197-B01F 25/431974 are incomplete pending reclassification of documents from group B01F 25/431. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 27/63		Group B01F 27/63 is incomplete pending reclassification of documents from group B01F 35/55. Groups B01F 35/55 and B01F 27/63 should be considered in order to perform a complete search.
N	B01F 27/702		Group B01F 27/702 is incomplete pending reclassification of documents from groups B01F 27/706 and B01F 27/708. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 27/703		Group B01F 27/703 is incomplete pending reclassification of documents from groups B01F 27/706 and B01F 27/708. Group B01F 27/703 is also impacted by reclassification into group B01F 27/705. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 27/704		Group B01F 27/704 is incomplete pending reclassification of documents from groups B01F 27/706 and B01F 27/708. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 27/705		Group B01F 27/705 is incomplete pending reclassification of documents from groups B01F 27/703, B01F 27/706 and B01F 27/708. All groups listed in this Warning should be considered in order to perform a complete search.

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Type*	Location	Old Warning	New/Modified Warning
N	B01F 27/706		Group B01F 27/706 is incomplete pending reclassification of documents from group B01F 27/708.Group B01F 27/706 is also impacted by reclassification into groups B01F 27/702, B01F 27/703, B01F 27/704 and B01F 27/705. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 27/708		Group B01F 27/708 is impacted by reclassification into groups B01F 27/702, B01F 27/703, B01F 27/704, B01F 27/705 and B01F 27/706. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 29/20		Group B01F 29/20 is impacted by reclassification into group B01F 29/62. Groups B01F 29/20 and B01F 29/62 should be considered in order to perform a complete search.
N	B01F 29/401		Group B01F 29/401 is impacted by reclassification into groups B01F 29/4011, B01F 29/40111, B01F 29/40112, B01F 29/40113, B01F 29/40114, B01F 29/40115, B01F 29/40116, B01F 29/40117, B01F 29/40118, B01F 29/40119, B01F 29/401195, B01F 29/402, B01F 29/4021, B01F 29/4022, B01F 29/40221, B01F 29/40222, B01F 29/4023, B01F 29/40231, B01F 29/403, B01F 29/4031, B01F 29/4032, B01F 29/4033, B01F 29/4034, B01F 29/4035, B01F 29/40351, B01F 29/40352, B01F 29/40353, B01F 29/40354, B01F 29/4036, B01F 29/40361, B01F 29/40362, B01F 29/40363, B01F 29/40364 and B01F 29/40365. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 29/4011		Groups B01F 29/4011-B01F 29/401195 are incomplete pending reclassification of documents from group B01F 29/401. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 29/402		Groups B01F 29/402-B01F 29/4023 are incomplete pending reclassification of documents from group B01F 29/401. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 29/40231		Group B01F 29/40231 is incomplete pending reclassification of documents from group B01F 29/401. Groups B01F 29/401 and B01F 29/40231 should be considered in order to perform a complete search.
N	B01F 29/403		Groups B01F 29/403-B01F 29/40365 are incomplete pending reclassification of documents from group B01F 29/401. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 29/62		Group B01F 29/62 is incomplete pending reclassification of documents from group B01F 29/20. Groups B01F 29/20 and B01F 29/62 should be considered in order to perform a complete search.
N	B01F 31/25		Group B01F 31/25 is impacted by reclassification into group B01F 31/50. Groups B01F 31/25 and B01F 31/50 should be considered in order to perform a complete search.

Type*	Location	Old Warning	New/Modified Warning
N	B01F 31/29		Group B01F 31/29 is incomplete pending reclassification of documents from group B01F 31/57. Group B01F 31/29 is also impacted by reclassification into group B01F 31/30. Groups B01F 31/57, B01F 31/29 and B01F 31/30 should be considered in order to perform a complete search.
N	B01F 31/30		Group B01F 31/30 is incomplete pending reclassification of documents from groups B01F 31/29 and B01F 31/57. Groups B01F 31/29, B01F 31/57 and B01F 31/30 should be considered in order to perform a complete search.
N	B01F 31/40		Group B01F 31/40 is incomplete pending reclassification of documents from group B01F 31/44. Groups B01F 31/40 and B01F 31/44 should be considered in order to perform a complete search.
N	B01F 31/401		Group B01F 31/401 is incomplete pending reclassification of documents from groups B01F 31/44 and B01F 31/57. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 31/42		Group B01F 31/42 is incomplete pending reclassification of documents from group B01F 31/44. Groups B01F 31/42 and B01F 31/44 should be considered in order to perform a complete search.
N	B01F 31/44		Group B01F 31/44 is impacted by reclassification into groups B01F 31/40, B01F 31/401 and B01F 31/42. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 31/46		Group B01F 31/46 is incomplete pending reclassification of documents from group B01F 31/57. Groups B01F 31/57 and B01F 31/46 should be considered in order to perform a complete search.
N	B01F 31/50		Group B01F 31/50 is incomplete pending reclassification of documents from group B01F 31/25. Groups B01F 31/25 and B01F 31/50 should be considered in order to perform a complete search.
N	B01F 31/57		Group B01F 31/57 is impacted by reclassification into groups B01F 31/29, B01F 31/30, B01F 31/401, B01F 31/46 and B01F 31/84. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 31/84		Group B01F 31/84 is incomplete pending reclassification of documents from group B01F 31/57. Groups B01F 31/57 and B01F 31/84 should be considered in order to perform a complete search.
N	B01F 33/00		Group B01F 33/00 is impacted by reclassification into group B01F 33/87. Groups B01F 33/00 and B01F 33/87 should be considered in order to perform a complete search.
N	B01F 33/834		Group B01F 33/834 is impacted by reclassification into group B01F 33/85. Groups B01F 33/834 and B01F 33/85 should be considered in order to perform a complete search.

Type*	Location	Old Warning	New/Modified Warning
N	B01F 33/85		Group B01F 33/85 is incomplete pending reclassification of documents from group B01F 33/834. Groups B01F 33/834 and B01F 33/85 should be considered in order to perform a complete search.
N	B01F 33/87		Group B01F 33/87 is incomplete pending reclassification of documents from group B01F 33/00. Groups B01F 33/00 and B01F 33/87 should be considered in order to perform a complete search.
N	B01F 35/10		Group B01F 35/10 is impacted by reclassification into groups B01F 35/11, B01F 35/12, B01F 35/121, B01F 35/122, B01F 35/123, and B01F 35/165. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/11		Group B01F 35/11 is incomplete pending reclassification of documents from group B01F 35/10. Groups B01F 35/10 and B01F 35/11 should be considered in order to perform a complete search.
N	B01F 35/12		Groups B01F 35/12, B01F 35/121, B01F 35/122, and B01F 35/123 are incomplete pending reclassification of documents from group B01F 35/10. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/165		Group B01F 35/165 is incomplete pending reclassification of documents from group B01F 35/10. Groups B01F 35/10 and B01F 35/165 should be considered in order to perform a complete search.
N	B01F 35/20		Group B01F 35/20 is impacted by reclassification into group B01F 35/21. Groups B01F 35/20 and B01F 35/21 should be considered in order to perform a complete search.
N	B01F 35/21		Group B01F 35/21 is incomplete pending reclassification of documents from group B01F 35/20. Groups B01F 35/20 and B01F 35/21 should be considered in order to perform a complete search.
N	B01F 35/214		Groups B01F 35/214-B01F 35/2144 are incomplete pending reclassification of documents from group B01F 35/222. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/22		Group B01F 35/22 is impacted by reclassification into groups B01F 35/2201, B01F 35/2202, B01F 35/2203, B01F 35/2204, B01F 35/2205, B01F 35/2206, B01F 35/2207, B01F 35/2208 and B01F 35/2209. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/2201		Groups B01F 35/2201-B01F 35/2209 are incomplete pending reclassification of documents from group B01F 35/22. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/222		Group B01F 35/222 is impacted by reclassification into groups B01F 35/214, B01F 35/2142, B01F 35/2144 and B01F 35/2221. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/2221		Group B01F 35/2221 is incomplete pending reclassification of documents from group B01F 35/222. Groups B01F 35/222 and B01F 35/2221 should be considered in order to perform a complete search.

Type*	Location	Old Warning	New/Modified Warning
N	B01F 35/30		Group B01F 35/30 is impacted by reclassification into group B01F 35/32. Groups B01F 35/30 and B01F 35/32 should be considered in order to perform a complete search.
N	B01F 35/32		Group B01F 35/32 is incomplete pending reclassification of documents from group B01F 35/30. Groups B01F 35/30 and B01F 35/32 should be considered in order to perform a complete search.
N	B01F 35/531		Groups B01F 35/531, B01F 35/5311, and B01F 35/5312 are incomplete pending reclassification of documents from group B01F 35/55. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/55		Group B01F 35/55 is impacted by reclassification into groups B01F 27/63, B01F 35/531, B01F 35/5311 and B01F 35/5312. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/71		Group B01F 35/71 is impacted by reclassification into groups B01F 35/711-B01F 35/71825, B01F 35/75-B01F 35/7549, B01F 35/80-B01F 35/896. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/711		Group B01F 35/711 is incomplete pending reclassification of documents from group B01F 35/71. Groups B01F 35/71 and B01F 35/711 should be considered in order to perform a complete search.
N	B01F 35/712		Group B01F 35/712 is incomplete pending reclassification of documents from group B01F 35/71. Groups B01F 35/71 and B01F 35/712 should be considered in order to perform a complete search.
N	B01F 35/713		Groups B01F 35/713-B01F 35/7139 are incomplete pending reclassification of documents from group B01F 35/71. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/714		Groups B01F 35/714-B01F 35/714112 are incomplete pending reclassification of documents from group B01F 35/71. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/715		Group B01F 35/715 is incomplete pending reclassification of documents from group B01F 35/71. Groups B01F 35/71 and B01F 35/715 should be considered in order to perform a complete search.
N	B01F 35/716		Groups B01F 35/716-B01F 35/7164 are incomplete pending reclassification of documents from group B01F 35/71. All groups listed in this Warning should be considered in order to perform a complete search.

Type*	Location	Old Warning	New/Modified Warning
N	B01F 35/717		Groups B01F 35/717, B01F 35/7171, B01F 35/71715, B01F 35/7172, B01F 35/71725, B01F 35/7173, B01F 35/71735, B01F 35/7174, B01F 35/71745, B01F 35/7175, B01F 35/71755, B01F 35/717551, B01F 35/7176, B01F 35/71761, B01F 35/717611, B01F 35/717612, B01F 35/717613, B01F 35/717614, B01F 35/71765, B01F 35/7177, B01F 35/7178, B01F 35/71785, B01F 35/7179, B01F 35/71791, B01F 35/71795, B01F 35/718, B01F 35/71801, B01F 35/71805, B01F 35/718051, B01F 35/7181, B01F 35/71815, B01F 35/7182 and B01F 35/71825 are incomplete pending reclassification of documents from group B01F 35/71. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/71705		Group B01F 35/71705 is incomplete pending reclassification of documents from group B01F 35/71. Group B01F 35/71705 is also impacted by reclassification into groups B01F 35/71775 and B01F 35/71731. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/71731		Group B01F 35/71731 is incomplete pending reclassification of documents from groups B01F 35/71 and B01F 35/71705. Groups B01F 35/71, B01F 35/71705 and B01F 35/71731 should be considered in order to perform a complete search.
N	B01F 35/71775		Group B01F 35/71775 is incomplete pending reclassification of documents from groups B01F 35/71 and B01F 35/71705. Groups B01F 35/71, B01F 35/71705 and B01F 35/71775 should be considered in order to perform a complete search.
N	B01F 35/75		Groups B01F 35/75-B01F 35/7549 are incomplete pending reclassification of documents from group B01F 35/71. All groups listed in this Warning should be considered in order to perform a complete search.
N	B01F 35/80		Groups B01F 35/80-B01F 35/896 are incomplete pending reclassification of documents from group B01F 35/71. All groups listed in this Warning should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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SUBCLASS C09K - MATERIALS FOR MISCELLANEOUS APPLICATIONS, NOT PROVIDED FOR ELSEWHERE

Type*	Location	Old Warning	New/Modified Warning
N	C09K 23/00		Group C09K 23/00 is impacted by reclassification into groups C09K 23/005, C09K 23/02, C09K 23/04, C09K 23/06, C09K 23/08, C09K 23/10, C09K 23/12, C09K 23/14, C09K 23/16, C09K 23/18, C09K 23/20, C09K 23/22, C09K 23/24, C09K 23/26, C09K 23/28, C09K 23/30, C09K 23/32, C09K 23/34, C09K 23/36, C09K 23/38, C09K 23/40, C09K 23/42, C09K 23/44, C09K 23/46, C09K 23/48, C09K 23/50, C09K 23/52, C09K 23/54 and C09K 23/56. All groups listed in this Warning should be considered in order to perform a complete search.
N	C09K 23/005		Group C09K 23/005 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/005 should be considered in order to perform a complete search.
N	C09K 23/02		Group C09K 23/02 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/02 should be considered in order to perform a complete search.
N	C09K 23/04		Group C09K 23/04 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/04 should be considered in order to perform a complete search.
N	C09K 23/06		Group C09K 23/06 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/06 should be considered in order to perform a complete search.
N	C09K 23/08		Group C09K 23/08 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/08 should be considered in order to perform a complete search.
N	C09K 23/10		Group C09K 23/10 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/10 should be considered in order to perform a complete search.
N	C09K 23/12		Group C09K 23/12 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/12 should be considered in order to perform a complete search.
N	C09K 23/14		Group C09K 23/14 is incomplete pending reclassification of documents from group C09K 23/00. Group C09K 23/14 is also impacted by reclassification into group C09K 23/20. Groups C09K 23/00, C09K 23/14 and C09K 23/20 should be considered in order to perform a complete search.
N	C09K 23/16		Group C09K 23/16 is incomplete pending reclassification of documents from group C09K 23/00. Group C09K 23/16 is also impacted by reclassification into group C09K 23/30. Groups C09K 23/00, C09K 23/16 and C09K 23/30 should be considered in order to perform a complete search.
N	C09K 23/18		Group C09K 23/18 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/18 should be considered in order to perform a complete search.
N	C09K 23/20		Group C09K 23/20 is incomplete pending reclassification of documents from groups C09K 23/00 and C09K 23/14. Groups C09K 23/00, C09K 23/14 and C09K 23/20 should be considered in order to perform a complete search.

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Type*	Location	Old Warning	New/Modified Warning
N	C09K 23/22		Groups C09K 23/22 and C09K 23/24 are incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00, C09K 23/22 and C09K 23/24 should be considered in order to perform a complete search.
N	C09K 23/26		Group C09K 23/26 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/26 should be considered in order to perform a complete search.
N	C09K 23/28		Group C09K 23/28 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/28 should be considered in order to perform a complete search.
N	C09K 23/30		Group C09K 23/30 is incomplete pending reclassification of documents from groups C09K 23/00 and C09K 23/16. Groups C09K 23/00, C09K 23/16 and C09K 23/30 should be considered in order to perform a complete search.
N	C09K 23/32		Group C09K 23/32 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/32 should be considered in order to perform a complete search.
N	C09K 23/34		Groups C09K 23/34 and C09K 23/36 are incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00, C09K 23/34 and C09K 23/36 should be considered in order to perform a complete search.
N	C09K 23/38		Group C09K 23/38 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/38 should be considered in order to perform a complete search.
N	C09K 23/40		Group C09K 23/40 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/40 should be considered in order to perform a complete search.
N	C09K 23/42		Groups C09K 23/42-C09K 23/48 are incomplete pending reclassification of documents from group C09K 23/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	C09K 23/50		Group C09K 23/50 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/50 should be considered in order to perform a complete search.
N	C09K 23/52		Group C09K 23/52 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/52 should be considered in order to perform a complete search.
N	C09K 23/54		Group C09K 23/54 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/54 should be considered in order to perform a complete search.
N	C09K 23/56		Group C09K 23/56 is incomplete pending reclassification of documents from group C09K 23/00. Groups C09K 23/00 and C09K 23/56 should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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C. New, Modified or Deleted Note(s)

SUBCLASS B01F - MIXING, e.g. DISSOLVING, EMULSIFYING, DISPERSING

Type*	Location	Old Note	New/Modified Note
M	B01F	In this subclass, the following term or expression is used with the meaning indicated: •"mixing" covers stirring of a single material.	1. This subclass covers: • agitation or homogenisation of products formed by a combination of two or more components with the purpose of obtaining a homogeneous composition or homogeneous conditions in the mass of material; • stirring of a single material with the purpose of obtaining homogeneous conditions in the mass of material; • mixing, agitation and homogenisation of materials, irrespective of the application in which it is produced, whenever the device or the method are directed to achieve the desired effect. 2. In this subclass, the following term is used with the meaning indicated: • "mixing" also covers stirring of a single material.
D	B01F 13/02	The agitating fluid is not meant to mix with the material	Delete the entire note
D	B01F 17/00	A compound is always classified in the last appropriate place	Delete the entire note
N	B01F 23/00		In this group the following term is used with the meaning indicated: • "gases" covers also vapours.
N	B01F 33/40		{The agitating fluid is not meant to mix with the material.}

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*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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D. New, Modified or Deleted Guidance Heading(s)

SUBCLASS B01F - MIXING, e.g. DISSOLVING, EMULSIFYING, DISPERSING

Type*	Location	Old Guidance Heading	New/Modified Guidance Heading
D	B01F 5/00 - B01F 17/00	Mixers	
N	B01F 25/00 - B01F 35/00		Mixers
N	B01F 2101/00 - B01F 2101/59		Indexing schemes associated with groups B01F 21/00 - B01F 35/00 and relating to the nature of the mixed materials, the field of application and complementary technical information about mixing

*N = new guidance heading, M =modified guidance heading, D = deleted guidance heading

NOTES:
- The "Location" column requires the symbol AFTER the guidance heading location. No further directions such as "before" or "after" are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading.   This can be included in the "Location" column. For example, the guidance heading "Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen" encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the "Location" column as follows: 398/00 to be included under the guidance heading: "Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen."

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B01F 1/00			<u>Delete</u> the entire definition
B01F 1/0005			<u>Delete</u> the entire definition
B01F 1/0016			<u>Delete</u> the entire definition
B01F 3/00			<u>Delete</u> the entire definition
B01F 3/02			<u>Delete</u> the entire definition
B01F 3/024			<u>Delete</u> the entire definition
B01F 3/026			<u>Delete</u> the entire definition
B01F 3/028			<u>Delete</u> the entire definition
B01F 3/04007			<u>Delete</u> the entire definition
B01F 3/04028			<u>Delete</u> the entire definition
B01F 3/04035			<u>Delete</u> the entire definition
B01F 3/04049			<u>Delete</u> the entire definition
B01F 3/04078			<u>Delete</u> the entire definition
B01F 3/04099			<u>Delete</u> the entire definition
B01F 3/04106			<u>Delete</u> the entire definition
B01F 3/04113			<u>Delete</u> the entire definition
B01F 3/0412			<u>Delete</u> the entire definition
B01F 3/04241			<u>Delete</u> the entire definition
B01F 3/04248			<u>Delete</u> the entire definition
B01F 3/04255			<u>Delete</u> the entire definition
B01F 3/04262			<u>Delete</u> the entire definition
B01F 3/04269			<u>Delete</u> the entire definition
B01F 3/04446			<u>Delete</u> the entire definition
B01F 3/0446			<u>Delete</u> the entire definition
B01F 3/04468			<u>Delete</u> the entire definition
B01F 3/04475			<u>Delete</u> the entire definition
B01F 3/04496			<u>Delete</u> the entire definition
B01F 3/04503			<u>Delete</u> the entire definition
B01F 3/0451			<u>Delete</u> the entire definition
B01F 3/04517			<u>Delete</u> the entire definition
B01F 3/04531			<u>Delete</u> the entire definition
B01F 3/04539			<u>Delete</u> the entire definition
B01F 3/04588			<u>Delete</u> the entire definition
B01F 3/04595			<u>Delete</u> the entire definition
B01F 3/04602			<u>Delete</u> the entire definition
B01F 3/04609			<u>Delete</u> the entire definition
B01F 3/04617			<u>Delete</u> the entire definition
B01F 3/0473			<u>Delete</u> the entire definition
B01F 3/04765			<u>Delete</u> the entire definition

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B01F 3/04773			Delete the entire definition
B01F 3/0478			Delete the entire definition
B01F 3/04787			Delete the entire definition
B01F 3/04794			Delete the entire definition
B01F 3/04801			Delete the entire definition
B01F 3/04808			Delete the entire definition
B01F 3/04815			Delete the entire definition
B01F 3/04829			Delete the entire definition
B01F 3/04985			Delete the entire definition
B01F 3/06			Delete the entire definition
B01F 3/0807			Delete the entire definition
B01F 3/0853			Delete the entire definition
B01F 3/0861			Delete the entire definition
B01F 3/0869			Delete the entire definition
B01F 3/0873			Delete the entire definition
B01F 3/0876			Delete the entire definition
B01F 3/182			Delete the entire definition
B01F 3/184			Delete the entire definition
B01F 3/20			Delete the entire definition
B01F 3/22			Delete the entire definition
B01F 5/00			Delete the entire definition
B01F 5/0057			Delete the entire definition
B01F 5/0068			Delete the entire definition
B01F 5/0077			Delete the entire definition
B01F 5/02			Delete the entire definition
B01F 5/0206			Delete the entire definition
B01F 5/0212			Delete the entire definition
B01F 5/0218			Delete the entire definition
B01F 5/0256			Delete the entire definition
B01F 5/0268			Delete the entire definition
B01F 5/04			Delete the entire definition
B01F 5/0401			Delete the entire definition
B01F 5/0415			Delete the entire definition
B01F 5/0451			Delete the entire definition
B01F 5/0473			Delete the entire definition
B01F 5/0495			Delete the entire definition
B01F 5/0496			Delete the entire definition
B01F 5/0498			Delete the entire definition
B01F 5/06			Delete the entire definition
B01F 5/0602			Delete the entire definition
B01F 5/0603			Delete the entire definition

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B01F 5/0604			Delete the entire definition
B01F 5/061			Delete the entire definition
B01F 5/0611			Delete the entire definition
B01F 5/0613			Delete the entire definition
B01F 5/0614			Delete the entire definition
B01F 5/0615			Delete the entire definition
B01F 5/0616			Delete the entire definition
B01F 5/0617			Delete the entire definition
B01F 5/0618			Delete the entire definition
B01F 5/0619			Delete the entire definition
B01F 5/064			Delete the entire definition
B01F 5/0641			Delete the entire definition
B01F 5/0643			Delete the entire definition
B01F 5/0644			Delete the entire definition
B01F 5/0645			Delete the entire definition
B01F 5/0646			Delete the entire definition
B01F 5/0656			Delete the entire definition
B01F 5/0659			Delete the entire definition
B01F 5/066			Delete the entire definition
B01F 5/0661			Delete the entire definition
B01F 5/0663			Delete the entire definition
B01F 5/0665			Delete the entire definition
B01F 5/0682			Delete the entire definition
B01F 5/10			Delete the entire definition
B01F 5/102			Delete the entire definition
B01F 5/104			Delete the entire definition
B01F 5/106			Delete the entire definition
B01F 5/18			Delete the entire definition
B01F 5/20			Delete the entire definition
B01F 5/205			Delete the entire definition
B01F 5/22			Delete the entire definition
B01F 5/221			Delete the entire definition
B01F 5/223			Delete the entire definition
B01F 5/225			Delete the entire definition
B01F 5/226			Delete the entire definition
B01F 5/228			Delete the entire definition
B01F 5/241			Delete the entire definition
B01F 5/242			Delete the entire definition
B01F 5/243			Delete the entire definition
B01F 5/244			Delete the entire definition
B01F 5/245			Delete the entire definition

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Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B01F 5/246			Delete the entire definition
B01F 5/247			Delete the entire definition
B01F 5/248			Delete the entire definition
B01F 5/26			Delete the entire definition
B01F 5/265			Delete the entire definition
B01F 7/00			Delete the entire definition
B01F 7/00008			Delete the entire definition
B01F 7/00058			Delete the entire definition
B01F 7/00066			Delete the entire definition
B01F 7/00075			Delete the entire definition
B01F 7/001			Delete the entire definition
B01F 7/00183			Delete the entire definition
B01F 7/0025			Delete the entire definition
B01F 7/00341			Delete the entire definition
B01F 7/00433			Delete the entire definition
B01F 7/00441			Delete the entire definition
B01F 7/00566			Delete the entire definition
B01F 7/00575			Delete the entire definition
B01F 7/00583			Delete the entire definition
B01F 7/00591			Delete the entire definition
B01F 7/00633			Delete the entire definition
B01F 7/00641			Delete the entire definition
B01F 7/0065			Delete the entire definition
B01F 7/00675			Delete the entire definition
B01F 7/00708			Delete the entire definition
B01F 7/00725			Delete the entire definition
B01F 7/00733			Delete the entire definition
B01F 7/00741			Delete the entire definition
B01F 7/00758			Delete the entire definition
B01F 7/00766			Delete the entire definition
B01F 7/00775			Delete the entire definition
B01F 7/008			Delete the entire definition
B01F 7/00808			Delete the entire definition
B01F 7/00816			Delete the entire definition
B01F 7/0085			Delete the entire definition
B01F 7/00858			Delete the entire definition
B01F 7/00866			Delete the entire definition
B01F 7/00875			Delete the entire definition
B01F 7/00883			Delete the entire definition
B01F 7/00891			Delete the entire definition
B01F 7/009			Delete the entire definition

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B01F 7/00908			Delete the entire definition
B01F 7/00916			Delete the entire definition
B01F 7/022			Delete the entire definition
B01F 7/024			Delete the entire definition
B01F 7/1605			Delete the entire definition
B01F 7/161			Delete the entire definition
B01F 7/1615			Delete the entire definition
B01F 7/162			Delete the entire definition
B01F 7/1625			Delete the entire definition
B01F 7/163			Delete the entire definition
B01F 7/1635			Delete the entire definition
B01F 7/164			Delete the entire definition
B01F 7/1645			Delete the entire definition
B01F 7/165			Delete the entire definition
B01F 7/1655			Delete the entire definition
B01F 7/166			Delete the entire definition
B01F 7/1665			Delete the entire definition
B01F 7/167			Delete the entire definition
B01F 7/1675			Delete the entire definition
B01F 7/168			Delete the entire definition
B01F 7/1685			Delete the entire definition
B01F 7/169			Delete the entire definition
B01F 7/1695			Delete the entire definition
B01F 9/00			Delete the entire definition
B01F 9/0001			Delete the entire definition
B01F 9/0003			Delete the entire definition
B01F 9/0005			Delete the entire definition
B01F 9/0007			Delete the entire definition
B01F 9/0009			Delete the entire definition
B01F 9/0014			Delete the entire definition
B01F 9/0016			Delete the entire definition
B01F 9/0018			Delete the entire definition
B01F 9/002			Delete the entire definition
B01F 9/0021			Delete the entire definition
B01F 9/0023			Delete the entire definition
B01F 9/0025			Delete the entire definition
B01F 9/0027			Delete the entire definition
B01F 9/0029			Delete the entire definition
B01F 9/0032			Delete the entire definition
B01F 9/0034			Delete the entire definition
B01F 9/0036			Delete the entire definition

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B01F 9/02			Delete the entire definition
B01F 9/06			Delete the entire definition
B01F 9/08			Delete the entire definition
B01F 9/103			Delete the entire definition
B01F 9/106			Delete the entire definition
B01F 11/00			Delete the entire definition
B01F 11/0002			Delete the entire definition
B01F 11/0005			Delete the entire definition
B01F 11/0008			Delete the entire definition
B01F 11/0011			Delete the entire definition
B01F 11/0014			Delete the entire definition
B01F 11/0017			Delete the entire definition
B01F 11/0028			Delete the entire definition
B01F 11/0037			Delete the entire definition
B01F 11/0042			Delete the entire definition
B01F 11/0045			Delete the entire definition
B01F 11/0054			Delete the entire definition
B01F 11/0057			Delete the entire definition
B01F 11/006			Delete the entire definition
B01F 11/0062			Delete the entire definition
B01F 11/0065			Delete the entire definition
B01F 11/0071			Delete the entire definition
B01F 11/0077			Delete the entire definition
B01F 11/008			Delete the entire definition
B01F 11/0082			Delete the entire definition
B01F 11/0085			Delete the entire definition
B01F 11/0088			Delete the entire definition
B01F 11/0097			Delete the entire definition
B01F 11/04			Delete the entire definition
B01F 13/00			Delete the entire definition
B01F 13/0013			Delete the entire definition
B01F 13/0015			Delete the entire definition
B01F 13/0016			Delete the entire definition
B01F 13/0018			Delete the entire definition
B01F 13/002			Delete the entire definition
B01F 13/005			Delete the entire definition
B01F 13/0059			Delete the entire definition
B01F 13/0062			Delete the entire definition
B01F 13/0064			Delete the entire definition
B01F 13/0066			Delete the entire definition
B01F 13/0067			Delete the entire definition

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B01F 13/0071			Delete the entire definition
B01F 13/0072			Delete the entire definition
B01F 13/0076			Delete the entire definition
B01F 13/0077			Delete the entire definition
B01F 13/0079			Delete the entire definition
B01F 13/0084			Delete the entire definition
B01F 13/0086			Delete the entire definition
B01F 13/0091			Delete the entire definition
B01F 13/0098			Delete the entire definition
B01F 13/02			Delete the entire definition
B01F 13/0809			Delete the entire definition
B01F 13/0818			Delete the entire definition
B01F 13/0827			Delete the entire definition
B01F 13/1005			Delete the entire definition
B01F 13/1041			Delete the entire definition
B01F 13/1055			Delete the entire definition
B01F 13/1058			Delete the entire definition
B01F 13/1072			Delete the entire definition
B01F 15/00			Delete the entire definition
B01F 15/00006			Delete the entire definition
B01F 15/00012			Delete the entire definition
B01F 15/00019			Delete the entire definition
B01F 15/00123			Delete the entire definition
B01F 15/00435			Delete the entire definition
B01F 15/00441			Delete the entire definition
B01F 15/00467			Delete the entire definition
B01F 15/00733			Delete the entire definition
B01F 15/0074			Delete the entire definition
B01F 15/00746			Delete the entire definition
B01F 15/00753			Delete the entire definition
B01F 15/00785			Delete the entire definition
B01F 15/00792			Delete the entire definition
B01F 15/00798			Delete the entire definition
B01F 15/00805			Delete the entire definition
B01F 15/00811			Delete the entire definition
B01F 15/00818			Delete the entire definition
B01F 15/00824			Delete the entire definition
B01F 15/00831			Delete the entire definition
B01F 15/0087			Delete the entire definition
B01F 15/00876			Delete the entire definition
B01F 15/00883			Delete the entire definition

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Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B01F 15/00902			<u>Delete</u> the entire definition
B01F 15/00909			<u>Delete</u> the entire definition
B01F 15/00915			<u>Delete</u> the entire definition
B01F 15/00922			<u>Delete</u> the entire definition
B01F 15/00928			<u>Delete</u> the entire definition
B01F 15/02			<u>Delete</u> the entire definition
B01F 15/0268			<u>Delete</u> the entire definition
B01F 15/04			<u>Delete</u> the entire definition
B01F 15/0404			<u>Delete</u> the entire definition
B01F 15/0412			<u>Delete</u> the entire definition
B01F 15/0441			<u>Delete</u> the entire definition
B01F 15/06			<u>Delete</u> the entire definition
B01F 17/00			<u>Delete</u> the entire definition
B01F 17/0064			<u>Delete</u> the entire definition

Notes:
Use this Definitions Quick Fix (DQF) table to:
- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 1/00	<administrative transfer to B01F 21/00>
D	B01F 1/0005	<administrative transfer to B01F 21/02>
D	B01F 1/0011	<administrative transfer to B01F 21/10>
D	B01F 1/0016	<administrative transfer to B01F 21/15>
D	B01F 1/0022	<administrative transfer to B01F 21/20>
D	B01F 1/0027	<administrative transfer to B01F 21/22>
D	B01F 1/0033	<administrative transfer to B01F 21/221>
D	B01F 1/0038	<administrative transfer to B01F 21/30>
D	B01F 2001/0044	<administrative transfer to B01F 21/40 INV>
D	B01F 2001/005	<administrative transfer to B01F 21/401 INV>
D	B01F 2001/0055	<administrative transfer to B01F 21/402 INV>
D	B01F 2001/0061	<administrative transfer to B01F 21/4021 INV>
D	B01F 2001/0066	<administrative transfer to B01F 21/403 INV>
D	B01F 2001/0072	<administrative transfer to B01F 21/50 INV>
D	B01F 2001/0077	<administrative transfer to B01F 21/501 INV>
D	B01F 2001/0083	<administrative transfer to B01F 21/502 INV>
D	B01F 2001/0088	<administrative transfer to B01F 21/503 INV>
D	B01F 2001/0094	<administrative transfer to B01F 21/504 INV>
D	B01F 3/00	<administrative transfer to B01F 23/00>
D	B01F 2003/0007	<administrative transfer to B01F 23/02 INV>
D	B01F 2003/0014	<administrative transfer to B01F 23/021 INV>
D	B01F 2003/0021	<administrative transfer to B01F 23/022 INV>
D	B01F 2003/0028	<administrative transfer to B01F 23/023 INV>
D	B01F 2003/0035	<administrative transfer to B01F 23/024 INV>
D	B01F 2003/0042	<administrative transfer to B01F 23/04 INV >
D	B01F 2003/005	<administrative transfer to B01F 23/041 INV >
D	B01F 2003/0057	<administrative transfer to B01F 23/042 INV >
D	B01F 2003/0064	<administrative transfer to B01F 23/043 INV >
D	B01F 2003/0071	<administrative transfer to B01F 23/06 INV >
D	B01F 2003/0078	<administrative transfer to B01F 23/061 INV >
D	B01F 2003/0085	<administrative transfer to B01F 23/062 INV >
D	B01F 3/0092	<administrative transfer to B01F 23/09>
D	B01F 3/02	<administrative transfer to B01F 23/10>
D	B01F 3/022	<administrative transfer to B01F 23/12>
D	B01F 3/024	<administrative transfer to B01F 23/14>
D	B01F 3/026	<administrative transfer to B01F 23/19>
D	B01F 3/028	<administrative transfer to B01F 23/191>
D	B01F 3/04	<administrative transfer to B01F 23/20>
D	B01F 3/04007	<administrative transfer to B01F 23/21>
D	B01F 3/04014	<administrative transfer to B01F 23/211>
D	B01F 3/04021	<administrative transfer to B01F 23/213>
D	B01F 3/04028	<administrative transfer to B01F 23/2131>
D	B01F 3/04035	<administrative transfer to B01F 23/21311>
D	B01F 3/04042	<administrative transfer to B01F 23/21312>
D	B01F 3/04049	<administrative transfer to B01F 23/2132>
D	B01F 3/04056	<administrative transfer to B01F 23/21321>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 3/04063	<administrative transfer to B01F 23/21322>
D	B01F 3/0407	<administrative transfer to B01F 23/2133>
D	B01F 3/04078	<administrative transfer to B01F 23/214>
D	B01F 3/04085	<administrative transfer to B01F 23/215>
D	B01F 2003/04092	<administrative transfer to B01F 23/216 INV >
D	B01F 3/04099	<administrative transfer to B01F 23/23>
D	B01F 3/04106	<administrative transfer to B01F 23/231>
D	B01F 3/04113	<administrative transfer to B01F 23/23105>
D	B01F 3/0412	<administrative transfer to B01F 23/2311>
D	B01F 2003/04127	<administrative transfer to B01F 23/23112 INV >
D	B01F 2003/04134	<administrative transfer to B01F 23/231121 INV >
D	B01F 2003/04141	<administrative transfer to B01F 23/231122 INV >
D	B01F 2003/04148	<administrative transfer to B01F 23/23113 INV >
D	B01F 2003/04156	<administrative transfer to B01F 23/23114 INV>
D	B01F 2003/04163	<administrative transfer to B01F 23/231141 INV >
D	B01F 2003/0417	<administrative transfer to B01F 23/231142 INV >
D	B01F 2003/04177	<administrative transfer to B01F 23/231143 INV >
D	B01F 2003/04184	<administrative transfer to B01F 23/23115 INV >
D	B01F 2003/04191	<administrative transfer to B01F 23/231151 INV >
D	B01F 2003/04198	<administrative transfer to B01F 23/231152 INV >
D	B01F 2003/04205	<administrative transfer to B01F 23/231153 INV >
D	B01F 2003/04212	<administrative transfer to B01F 23/231154 INV >
D	B01F 2003/04219	<administrative transfer to B01F 23/231155 INV >
D	B01F 2003/04226	<administrative transfer to B01F 23/231156 INV >
D	B01F 2003/04234	<administrative transfer to B01F 23/23116 INV >
D	B01F 3/04241	<administrative transfer to B01F 23/2312>
D	B01F 3/04248	<administrative transfer to B01F 23/23121>
D	B01F 3/04255	<administrative transfer to B01F 23/23122>
D	B01F 3/04262	<administrative transfer to B01F 23/23123>
D	B01F 3/04269	<administrative transfer to B01F 23/23124>
D	B01F 2003/04276	<administrative transfer to B01F 23/23125 INV >
D	B01F 2003/04283	<administrative transfer to B01F 23/23126 INV >
D	B01F 2003/0429	<administrative transfer to B01F 23/231261 INV >
D	B01F 2003/04297	<administrative transfer to B01F 23/231262 INV >
D	B01F 2003/04304	<administrative transfer to B01F 23/231263 INV >
D	B01F 2003/04312	<administrative transfer to B01F 23/231264 INV >
D	B01F 2003/04319	<administrative transfer to B01F 23/231265 INV >
D	B01F 2003/04326	<administrative transfer to B01F 23/231266 INV >
D	B01F 2003/04333	<administrative transfer to B01F 23/231267 INV >
D	B01F 2003/0434	<administrative transfer to B01F 23/231268 INV >
D	B01F 2003/04347	<administrative transfer to B01F 23/231269 INV>
D	B01F 2003/04354	<administrative transfer to B01F 23/2312 INV >
D	B01F 2003/04361	<administrative transfer to B01F 23/231231 INV >
D	B01F 2003/04368	<administrative transfer to B01F 23/231232 INV >
D	B01F 2003/04375	<administrative transfer to B01F 23/23127 INV >
D	B01F 2003/04382	<administrative transfer to B01F 23/231245 INV >
D	B01F 2003/0439	<administrative transfer to B01F 23/23123 INV >
D	B01F 2003/04397	<administrative transfer to B01F 23/231233 INV >
D	B01F 2003/04404	<administrative transfer to B01F 23/231244 INV >
D	B01F 2003/04411	<administrative transfer to B01F 23/23128 INV>
D	B01F 2003/04418	<administrative transfer to B01F 23/231281 INV >

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 2003/04425	<administrative transfer to B01F 23/231282 INV >
D	B01F 2003/04432	<administrative transfer to B01F 23/231283 INV >
D	B01F 3/04439	<administrative transfer to B01F 23/2319>
D	B01F 3/04446	<administrative transfer to B01F 23/235>
D	B01F 3/04453	<administrative transfer to B01F 23/2351>
D	B01F 3/0446	<administrative transfer to B01F 23/232>
D	B01F 3/04468	<administrative transfer to B01F 23/2321>
D	B01F 3/04475	<administrative transfer to B01F 23/23211>
D	B01F 3/04482	<administrative transfer to B01F 23/232111>
D	B01F 3/04489	<administrative transfer to B01F 23/232112>
D	B01F 3/04496	<administrative transfer to B01F 23/2322>
D	B01F 3/04503	<administrative transfer to B01F 23/2323>
D	B01F 3/0451	<administrative transfer to B01F 23/23231>
D	B01F 3/04517	<administrative transfer to B01F 23/232311>
D	B01F 3/04524	<administrative transfer to B01F 23/232312>
D	B01F 3/04531	<administrative transfer to B01F 23/233>
D	B01F 3/04539	<administrative transfer to B01F 23/2331>
D	B01F 2003/04546	<administrative transfer to B01F 23/23311 INV >
D	B01F 2003/04553	<administrative transfer to B01F 23/23312 INV >
D	B01F 2003/0456	<administrative transfer to B01F 23/23313 INV >
D	B01F 2003/04567	<administrative transfer to B01F 23/23314 INV >
D	B01F 2003/04574	<administrative transfer to B01F 23/23315 INV >
D	B01F 2003/04581	<administrative transfer to B01F 23/23316 INV >
D	B01F 3/04588	<administrative transfer to B01F 23/2332>
D	B01F 3/04595	<administrative transfer to B01F 23/2333>
D	B01F 3/04602	<administrative transfer to B01F 23/2334>
D	B01F 3/04609	<administrative transfer to B01F 23/23341>
D	B01F 3/04617	<administrative transfer to B01F 23/23342>
D	B01F 2003/04624	<administrative transfer to B01F 23/2335 INV >
D	B01F 2003/04631	<administrative transfer to B01F 23/23351 INV >
D	B01F 2003/04638	<administrative transfer to B01F 23/23352 INV >
D	B01F 2003/04645	<administrative transfer to B01F 23/23353 INV >
D	B01F 2003/04652	<administrative transfer to B01F 23/23354 INV >
D	B01F 2003/04659	<administrative transfer to B01F 23/2336 INV >
D	B01F 2003/04666	<administrative transfer to B01F 23/23361 INV>
D	B01F 2003/04673	<administrative transfer to B01F 23/23362 INV >
D	B01F 2003/0468	<administrative transfer to B01F 23/23363 INV >
D	B01F 2003/04687	<administrative transfer to B01F 23/23364 INV >
D	B01F 2003/04695	<administrative transfer to B01F 23/233641 INV >
D	B01F 2003/04702	<administrative transfer to B01F 23/233642 INV >
D	B01F 2003/04709	<administrative transfer to B01F 23/23365 INV >
D	B01F 2003/04716	<administrative transfer to B01F 23/23366 INV >
D	B01F 2003/04723	<administrative transfer to B01F 23/23367 INV >
D	B01F 3/0473	<administrative transfer to B01F 23/234>
D	B01F 3/04737	<administrative transfer to B01F 23/2341>
D	B01F 3/04744	<administrative transfer to B01F 23/23411>
D	B01F 3/04751	<administrative transfer to B01F 23/23412>
D	B01F 3/04758	<administrative transfer to B01F 23/23413>
D	B01F 3/04765	<administrative transfer to B01F 23/2342>
D	B01F 3/04773	<administrative transfer to B01F 23/23421>
D	B01F 3/0478	<administrative transfer to B01F 23/234211>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 3/04787	<administrative transfer to B01F 23/236>
D	B01F 3/04794	<administrative transfer to B01F 23/2361>
D	B01F 3/04801	<administrative transfer to B01F 23/23611>
D	B01F 3/04808	<administrative transfer to B01F 23/2362>
D	B01F 3/04815	<administrative transfer to B01F 23/2363>
D	B01F 2003/04822	<administrative transfer to B01F 23/2364 INV>
D	B01F 3/04829	<administrative transfer to B01F 23/2366>
D	B01F 3/04836	<administrative transfer to B01F 23/2368>
D	B01F 2003/04843	<administrative transfer to B01F 23/237 INV>
D	B01F 2003/04851	<administrative transfer to B01F 23/2376 INV>
D	B01F 2003/04858	<administrative transfer to B01F 23/2373 INV>
D	B01F 2003/04865	<administrative transfer to B01F 23/23761 INV>
D	B01F 2003/04872	<administrative transfer to B01F 23/237611 INV>
D	B01F 2003/04879	<administrative transfer to B01F 23/237612 INV>
D	B01F 2003/04886	<administrative transfer to B01F 23/237613 INV>
D	B01F 2003/04893	<administrative transfer to B01F 23/23762 INV>
D	B01F 2003/049	<administrative transfer to B01F 23/237621 INV>
D	B01F 2003/04907	<administrative transfer to B01F 23/23763 INV>
D	B01F 2003/04914	<administrative transfer to B01F 23/23764 INV>
D	B01F 2003/04921	<administrative transfer to B01F 23/23765 INV>
D	B01F 2003/04929	<administrative transfer to B01F 23/23766 INV>
D	B01F 2003/04936	<administrative transfer to B01F 23/23767 INV>
D	B01F 2003/04943	<no transfer>
D	B01F 2003/0495	<no transfer>
D	B01F 2003/04957	<no transfer>
D	B01F 2003/04964	<no transfer>
D	B01F 2003/04971	<no transfer>
D	B01F 3/04978	<administrative transfer to B01F 23/238>
D	B01F 3/04985	<administrative transfer to B01F 23/29>
D	B01F 3/04992	<administrative transfer to B01F 23/291>
D	B01F 3/06	<administrative transfer to B01F 23/30>
D	B01F 2003/061	<administrative transfer to B01F 23/32 INV>
D	B01F 2003/063	<administrative transfer to B01F 23/34 INV>
D	B01F 2003/065	<administrative transfer to B01F 23/341 INV>
D	B01F 2003/066	<administrative transfer to B01F 23/36 INV >
D	B01F 3/068	<administrative transfer to B01F 23/39>
D	B01F 3/08	<administrative transfer to B01F 23/40>
D	B01F 3/0803	<administrative transfer to B01F 23/405>
D	B01F 3/0807	<administrative transfer to B01F 23/41>
D	B01F 3/0811	<administrative transfer to B01F 23/4105>
D	B01F 3/0815	<administrative transfer to B01F 23/411>
D	B01F 3/0819	<administrative transfer to B01F 23/4111>
D	B01F 2003/0823	<administrative transfer to B01F 23/414 INV>
D	B01F 2003/0826	<administrative transfer to B01F 23/4141 INV>
D	B01F 2003/083	<administrative transfer to B01F 23/4142 INV>
D	B01F 2003/0834	<administrative transfer to B01F 23/4143 INV>
D	B01F 2003/0838	<administrative transfer to B01F 23/4144 INV>
D	B01F 2003/0842	<administrative transfer to B01F 23/4145 INV>
D	B01F 2003/0846	<administrative transfer to B01F 23/4146>
D	B01F 2003/0849	<administrative transfer to B01F 23/413>
D	B01F 3/0853	<administrative transfer to B01F 23/43>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 3/0857	<administrative transfer to B01F 23/431>
D	B01F 3/0861	<administrative transfer to B01F 23/45>
D	B01F 3/0865	<administrative transfer to B01F 23/451>
D	B01F 3/0869	<administrative transfer to B01F 23/452>
D	B01F 3/0873	<administrative transfer to B01F 23/453>
D	B01F 3/0876	<administrative transfer to B01F 23/454>
D	B01F 3/088	<administrative transfer to B01F 23/49>
D	B01F 2003/0884	<administrative transfer to B01F 23/48 INV>
D	B01F 2003/0888	<administrative transfer to B01F 23/481 INV>
D	B01F 2003/0892	<administrative transfer to B01F 23/482 INV>
D	B01F 2003/0896	<administrative transfer to B01F 23/483 INV>
D	B01F 3/10	<administrative transfer to B01F 23/47>
D	B01F 2003/105	<administrative transfer to B01F 23/471 INV>
D	B01F 3/12	<administrative transfer to B01F 23/50>
D	B01F 3/1207	<administrative transfer to B01F 23/51>
D	B01F 3/1214	<administrative transfer to B01F 23/511>
D	B01F 3/1221	<administrative transfer to B01F 23/53>
D	B01F 3/1228	<administrative transfer to B01F 23/54>
D	B01F 3/1235	<administrative transfer to B01F 23/55>
D	B01F 3/1242	<administrative transfer to B01F 23/551>
D	B01F 2003/125	<administrative transfer to B01F 23/56 INV>
D	B01F 2003/1257	<administrative transfer to B01F 23/565 INV>
D	B01F 2003/1264	<administrative transfer to B01F 23/566 INV>
D	B01F 3/1271	<administrative transfer to B01F 23/59>
D	B01F 2003/1278	<administrative transfer to B01F 23/58 INV>
D	B01F 2003/1285	<administrative transfer to B01F 23/581 INV>
D	B01F 2003/1292	<administrative transfer to B01F 23/582 INV>
D	B01F 3/14	<administrative transfer to B01F 23/57>
D	B01F 3/18	<administrative transfer to B01F 23/60>
D	B01F 3/182	<administrative transfer to B01F 23/62>
D	B01F 3/184	<administrative transfer to B01F 23/64>
D	B01F 3/186	<administrative transfer to B01F 23/66>
D	B01F 3/188	<administrative transfer to B01F 23/69>
D	B01F 3/20	<administrative transfer to B01F 23/70>
D	B01F 3/2007	<administrative transfer to B01F 23/701>
D	B01F 3/2014	<administrative transfer to B01F 23/702>
D	B01F 3/2021	<administrative transfer to B01F 23/703>
D	B01F 3/2028	<administrative transfer to B01F 23/704>
D	B01F 3/2035	<administrative transfer to B01F 23/705>
D	B01F 3/2042	<administrative transfer to B01F 23/706>
D	B01F 3/205	<administrative transfer to B01F 23/707>
D	B01F 3/2057	<administrative transfer to B01F 23/708>
D	B01F 3/2064	<administrative transfer to B01F 23/709>
D	B01F 3/2071	<administrative transfer to B01F 23/71>
D	B01F 3/2078	<administrative transfer to B01F 23/711>
D	B01F 3/2085	<administrative transfer to B01F 23/712>
D	B01F 3/2092	<administrative transfer to B01F 23/713>
D	B01F 3/22	<administrative transfer to B01F 23/80>
D	B01F 3/2207	<administrative transfer to B01F 23/801>
D	B01F 3/2215	<administrative transfer to B01F 23/802>
D	B01F 3/2223	<administrative transfer to B01F 23/803>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 3/223	<administrative transfer to B01F 23/804>
D	B01F 3/2238	<administrative transfer to B01F 23/805>
D	B01F 3/2246	<administrative transfer to B01F 23/806>
D	B01F 3/2253	<administrative transfer to B01F 23/807>
D	B01F 3/2261	<administrative transfer to B01F 23/808>
D	B01F 3/2269	<administrative transfer to B01F 23/809>
D	B01F 3/2276	<administrative transfer to B01F 23/81>
D	B01F 3/2284	<administrative transfer to B01F 23/811>
D	B01F 3/2292	<administrative transfer to B01F 23/812>
D	B01F 5/00	<administrative transfer to B01F 25/00>
D	B01F 2005/0002	<administrative transfer to B01F 2025/91>
D	B01F 2005/0005	<administrative transfer to B01F 2025/911>
D	B01F 2005/0008	<administrative transfer to B01F 2025/912>
D	B01F 2005/0011	<administrative transfer to B01F 2025/9121>
D	B01F 2005/0014	<administrative transfer to B01F 2025/9122>
D	B01F 2005/0017	<administrative transfer to B01F 2025/913>
D	B01F 2005/002	<administrative transfer to B01F 2025/914>
D	B01F 2005/0022	<administrative transfer to B01F 2025/915>
D	B01F 2005/0025	<administrative transfer to B01F 2025/916>
D	B01F 2005/0028	<administrative transfer to B01F 2025/917>
D	B01F 2005/0031	<administrative transfer to B01F 2025/9171>
D	B01F 2005/0034	<administrative transfer to B01F 2025/918>
D	B01F 2005/0037	<administrative transfer to B01F 2025/919>
D	B01F 2005/004	<administrative transfer to B01F 2025/9191>
D	B01F 2005/0042	<administrative transfer to B01F 2025/91911>
D	B01F 2005/0045	<administrative transfer to B01F 2025/91912>
D	B01F 2005/0048	<administrative transfer to B01F 2025/919121>
D	B01F 2005/0051	<administrative transfer to B01F 2025/919125>
D	B01F 2005/0054	<administrative transfer to B01F 2025/91913>
D	B01F 5/0057	<administrative transfer to B01F 25/10>
D	B01F 5/006	<administrative transfer to B01F 25/101>
D	B01F 5/0062	<administrative transfer to B01F 25/102>
D	B01F 5/0065	<administrative transfer to B01F 25/103>
D	B01F 5/0068	<administrative transfer to B01F 25/104>
D	B01F 5/0071	<administrative transfer to B01F 25/1041>
D	B01F 5/0074	<administrative transfer to B01F 25/1042>
D	B01F 5/0077	<administrative transfer to B01F 25/105>
D	B01F 5/008	<administrative transfer to B01F 25/1051>
D	B01F 5/0082	<administrative transfer to B01F 25/12>
D	B01F 5/0085	<administrative transfer to B01F 25/14>
D	B01F 2005/0088	<administrative transfer to B01F 2025/93>
D	B01F 2005/0091	<administrative transfer to B01F 2025/931>
D	B01F 2005/0094	<administrative transfer to B01F 2025/932>
D	B01F 2005/0097	<administrative transfer to B01F 2025/9321>
D	B01F 5/02	<administrative transfer to B01F 25/20>
D	B01F 5/0206	<administrative transfer to B01F 25/21>
D	B01F 5/0212	<administrative transfer to B01F 25/211>
D	B01F 5/0218	<administrative transfer to B01F 25/212>
D	B01F 5/0225	<administrative transfer to B01F 25/2121>
D	B01F 5/0231	<administrative transfer to B01F 25/2122>
D	B01F 5/0237	<administrative transfer to B01F 25/2123>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 5/0243	<administrative transfer to B01F 25/2124>
D	B01F 5/025	<administrative transfer to B01F 25/2125>
D	B01F 5/0256	<administrative transfer to B01F 25/23>
D	B01F 5/0262	<administrative transfer to B01F 25/231>
D	B01F 5/0268	<administrative transfer to B01F 25/25>
D	B01F 5/0275	<administrative transfer to B01F 25/27>
D	B01F 5/0281	<administrative transfer to B01F 25/28>
D	B01F 5/0287	<administrative transfer to B01F 25/281>
D	B01F 5/0293	<administrative transfer to B01F 25/282>
D	B01F 5/04	<administrative transfer to B01F 25/30>
D	B01F 5/0401	<administrative transfer to B01F 25/305>
D	B01F 5/0403	<administrative transfer to B01F 25/31>
D	B01F 5/0405	<administrative transfer to B01F 25/311>
D	B01F 5/0406	<administrative transfer to B01F 25/3111>
D	B01F 5/0408	<administrative transfer to B01F 25/31112>
D	B01F 5/041	<administrative transfer to B01F 25/31113>
D	B01F 5/0411	<administrative transfer to B01F 25/31114>
D	B01F 5/0413	<administrative transfer to B01F 25/312>
D	B01F 5/0415	<administrative transfer to B01F 25/3121>
D	B01F 5/0416	<administrative transfer to B01F 25/3122>
D	B01F 5/0418	<administrative transfer to B01F 25/3123>
D	B01F 5/042	<administrative transfer to B01F 25/31231>
D	B01F 5/0421	<administrative transfer to B01F 25/31232>
D	B01F 5/0423	<administrative transfer to B01F 25/31233>
D	B01F 5/0425	<administrative transfer to B01F 25/3124>
D	B01F 5/0426	<administrative transfer to B01F 25/31241>
D	B01F 5/0428	<administrative transfer to B01F 25/31242>
D	B01F 5/043	<administrative transfer to B01F 25/31243>
D	B01F 2005/0431	<administrative changes to B01F 25/3125 INV>
D	B01F 2005/0433	<administrative transfer to B01F 25/31251 INV>
D	B01F 2005/0435	<administrative transfer to B01F 25/312511 INV>
D	B01F 2005/0436	<administrative transfer to B01F 25/312512 INV>
D	B01F 2005/0438	<administrative transfer to B01F 25/31252 INV>
D	B01F 2005/044	<administrative transfer to B01F 25/312521 INV>
D	B01F 2005/0441	<administrative transfer to B01F 25/312522 INV>
D	B01F 2005/0443	<administrative transfer to B01F 25/31253 INV>
D	B01F 2005/0445	<administrative transfer to B01F 25/312531 INV>
D	B01F 2005/0446	<administrative transfer to B01F 25/312532 INV>
D	B01F 2005/0448	<administrative transfer to B01F 25/312533 INV>
D	B01F 5/045	<administrative transfer to B01F 25/313>
D	B01F 5/0451	<administrative transfer to B01F 25/3131>
D	B01F 5/0453	<administrative transfer to B01F 25/3132>
D	B01F 5/0455	<administrative transfer to B01F 25/31321>
D	B01F 5/0456	<administrative transfer to B01F 25/31322>
D	B01F 5/0458	<administrative transfer to B01F 25/31323>
D	B01F 5/046	<administrative transfer to B01F 25/31324>
D	B01F 5/0461	<administrative transfer to B01F 25/3133>
D	B01F 5/0463	<administrative transfer to B01F 25/31331>
D	B01F 5/0465	<administrative transfer to B01F 25/313311>
D	B01F 5/0466	<administrative transfer to B01F 25/31332>
D	B01F 5/0468	<administrative transfer to B01F 25/31333>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 5/047	<administrative transfer to B01F 25/31334>
D	B01F 5/0471	<administrative transfer to B01F 25/314>
D	B01F 5/0473	<administrative transfer to B01F 25/3141>
D	B01F 5/0475	<administrative transfer to B01F 25/3142>
D	B01F 5/0476	<administrative transfer to B01F 25/31421>
D	B01F 5/0478	<administrative transfer to B01F 25/31422>
D	B01F 5/048	<administrative transfer to B01F 25/31423>
D	B01F 5/0481	<administrative transfer to B01F 25/314231>
D	B01F 5/0483	<administrative transfer to B01F 25/31424>
D	B01F 5/0485	<administrative transfer to B01F 25/31425>
D	B01F 5/0486	<administrative transfer to B01F 25/3143>
D	B01F 5/0488	<administrative transfer to B01F 25/31431>
D	B01F 5/049	<administrative transfer to B01F 25/31432>
D	B01F 5/0491	<administrative transfer to B01F 25/31433>
D	B01F 5/0493	<administrative transfer to B01F 25/31434>
D	B01F 5/0495	<administrative transfer to B01F 25/315>
D	B01F 5/0496	<administrative transfer to B01F 25/316>
D	B01F 5/0498	<administrative transfer to B01F 25/32>
D	B01F 5/06	<administrative transfer to B01F 25/40>
D	B01F 5/0601	<administrative transfer to B01F 25/41>
D	B01F 5/0602	<administrative transfer to B01F 25/42>
D	B01F 5/0603	<administrative transfer to B01F 25/421>
D	B01F 5/0604	<administrative transfer to B01F 25/422>
D	B01F 5/0605	<administrative transfer to B01F 25/423>
D	B01F 5/0606	<administrative transfer to B01F 25/4231>
D	B01F 5/0607	<administrative transfer to B01F 25/4232>
D	B01F 5/0608	<administrative transfer to B01F 25/4233>
D	B01F 5/0609	<administrative transfer to B01F 25/43>
D	B01F 5/061	<administrative transfer to B01F 25/431>
D	B01F 5/0611	<administrative transfer to B01F 25/4311>
D	B01F 5/0612	<administrative transfer to B01F 25/4312>
D	B01F 5/0613	<administrative transfer to B01F 25/4313>
D	B01F 5/0614	<administrative transfer to B01F 25/4314>
D	B01F 5/0615	<administrative transfer to B01F 25/43141>
D	B01F 5/0616	<administrative transfer to B01F 25/4315>
D	B01F 5/0617	<administrative transfer to B01F 25/43151>
D	B01F 5/0618	<administrative transfer to B01F 25/4316>
D	B01F 5/0619	<administrative transfer to B01F 25/43161>
D	B01F 2005/062	<administrative transfer to B01F 25/431 INV>
D	B01F 2005/0621	<administrative transfer to B01F 25/4317 INV>
D	B01F 2005/0622	<administrative transfer to B01F 25/43171 INV>
D	B01F 2005/0623	<administrative transfer to B01F 25/43172 INV>
D	B01F 2005/0625	<administrative transfer to B01F 25/4316 INV>
D	B01F 2005/0626	<administrative transfer to B01F 25/43162 INV>
D	B01F 2005/0627	<administrative transfer to B01F 25/43163 INV>
D	B01F 2005/0628	<administrative transfer to B01F 25/4315 INV>
D	B01F 2005/0629	<administrative transfer to B01F 25/4314 INV>
D	B01F 2005/063	<administrative transfer to B01F 25/4318 INV>
D	B01F 2005/0631	<administrative transfer to B01F 25/4319 INV>
D	B01F 2005/0632	<administrative transfer to B01F 25/43195 INV>
D	B01F 2005/0633	<administrative transfer to B01F 25/431951 INV>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 2005/0634	<administrative transfer to B01F 25/431952 INV>
D	B01F 2005/0635	<administrative transfer to B01F 25/43197 INV>
D	B01F 2005/0636	<administrative transfer to B01F 25/431971 INV>
D	B01F 2005/0637	<administrative transfer to B01F 25/431972 INV>
D	B01F 2005/0638	<administrative transfer to B01F 25/431973 INV>
D	B01F 2005/0639	<administrative transfer to B01F 25/431974 INV>
D	B01F 5/064	<administrative transfer to B01F 25/432>
D	B01F 5/0641	<administrative transfer to B01F 25/4321>
D	B01F 5/0642	<administrative transfer to B01F 25/43211>
D	B01F 5/0643	<administrative transfer to B01F 25/4322>
D	B01F 5/0644	<administrative transfer to B01F 25/4323>
D	B01F 5/0645	<administrative transfer to B01F 25/43231>
D	B01F 5/0646	<administrative transfer to B01F 25/433>
D	B01F 5/0647	<administrative transfer to B01F 25/4331>
D	B01F 5/0648	<administrative transfer to B01F 25/4332>
D	B01F 5/065	<administrative transfer to B01F 25/4333>
D	B01F 5/0651	<administrative transfer to B01F 25/4334>
D	B01F 5/0652	<administrative transfer to B01F 25/4335>
D	B01F 5/0653	<administrative transfer to B01F 25/4336>
D	B01F 5/0654	<administrative transfer to B01F 25/4337>
D	B01F 5/0655	<administrative transfer to B01F 25/4338>
D	B01F 5/0656	<administrative transfer to B01F 25/434>
D	B01F 5/0657	<administrative transfer to B01F 25/4341>
D	B01F 5/0658	<administrative transfer to B01F 25/4342>
D	B01F 5/0659	<administrative transfer to B01F 25/435>
D	B01F 5/066	<administrative transfer to B01F 25/438>
D	B01F 5/0661	<administrative transfer to B01F 25/44>
D	B01F 5/0662	<administrative transfer to B01F 25/441>
D	B01F 5/0663	<administrative transfer to B01F 25/4412>
D	B01F 5/0664	<administrative transfer to B01F 25/44121>
D	B01F 5/0665	<administrative transfer to B01F 25/4413>
D	B01F 5/0666	<administrative transfer to B01F 25/4414>
D	B01F 5/0667	<administrative transfer to B01F 25/4415>
D	B01F 5/0668	<administrative transfer to B01F 25/4416>
D	B01F 5/0669	<administrative transfer to B01F 25/44161>
D	B01F 5/067	<administrative transfer to B01F 25/44162>
D	B01F 5/0671	<administrative transfer to B01F 25/44163>
D	B01F 5/0672	<administrative transfer to B01F 25/44164>
D	B01F 5/0673	<administrative transfer to B01F 25/44165>
D	B01F 5/0675	<administrative transfer to B01F 25/44166>
D	B01F 5/0676	<administrative transfer to B01F 25/44167>
D	B01F 5/0677	<administrative transfer to B01F 25/44168>
D	B01F 5/0678	<administrative transfer to B01F 25/442>
D	B01F 5/0679	<administrative transfer to B01F 25/4421>
D	B01F 5/068	<administrative transfer to B01F 25/4422>
D	B01F 5/0681	<administrative transfer to B01F 25/4423>
D	B01F 5/0682	<administrative transfer to B01F 25/45>
D	B01F 5/0683	<administrative transfer to B01F 25/451>
D	B01F 5/0684	<administrative transfer to B01F 25/4511>
D	B01F 5/0685	<administrative transfer to B01F 25/4512>
D	B01F 5/0687	<administrative transfer to B01F 25/452>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 5/0688	<administrative transfer to B01F 25/4521>
D	B01F 5/0689	<administrative transfer to B01F 25/45211>
D	B01F 5/069	<administrative transfer to B01F 25/45212>
D	B01F 5/0691	<administrative transfer to B01F 25/4522>
D	B01F 5/0692	<administrative transfer to B01F 25/45221>
D	B01F 5/0693	<administrative transfer to B01F 25/4523>
D	B01F 5/0694	<administrative transfer to B01F 25/45231>
D	B01F 5/0695	<administrative transfer to B01F 25/4524>
D	B01F 5/0696	<administrative transfer to B01F 25/45241>
D	B01F 5/0697	<administrative transfer to B01F 25/45242>
D	B01F 5/0698	<administrative transfer to B01F 25/45243>
D	B01F 5/08	<administrative transfer to B01F 25/46>
D	B01F 5/10	<administrative transfer to B01F 25/50>
D	B01F 5/102	<administrative transfer to B01F 25/51>
D	B01F 5/104	<administrative transfer to B01F 25/52>
D	B01F 5/106	<administrative transfer to B01F 25/53>
D	B01F 5/108	<administrative transfer to B01F 25/54>
D	B01F 5/12	<administrative transfer to B01F 25/60>
D	B01F 5/14	<administrative transfer to B01F 25/62>
D	B01F 5/145	<administrative transfer to B01F 25/621>
D	B01F 5/16	<administrative transfer to B01F 25/64>
D	B01F 5/162	<administrative transfer to B01F 25/641>
D	B01F 5/165	<administrative transfer to B01F 25/642>
D	B01F 5/167	<administrative transfer to B01F 25/643>
D	B01F 5/18	<administrative transfer to B01F 25/70>
D	B01F 5/20	<administrative transfer to B01F 25/72>
D	B01F 5/205	<administrative transfer to B01F 25/721>
D	B01F 5/22	<administrative transfer to B01F 25/74>
D	B01F 5/221	<administrative transfer to B01F 25/741>
D	B01F 5/223	<administrative transfer to B01F 25/7411>
D	B01F 5/225	<administrative transfer to B01F 25/742>
D	B01F 5/226	<administrative transfer to B01F 25/743>
D	B01F 5/228	<administrative transfer to B01F 25/744>
D	B01F 5/24	<administrative transfer to B01F 25/80>
D	B01F 5/241	<administrative transfer to B01F 25/82>
D	B01F 5/242	<administrative transfer to B01F 25/821>
D	B01F 5/243	<administrative transfer to B01F 25/8211>
D	B01F 5/244	<administrative transfer to B01F 25/822>
D	B01F 5/245	<administrative transfer to B01F 25/823>
D	B01F 5/246	<administrative transfer to B01F 25/83>
D	B01F 5/247	<administrative transfer to B01F 25/84>
D	B01F 5/248	<administrative transfer to B01F 25/85>
D	B01F 5/26	<administrative transfer to B01F 25/90>
D	B01F 5/265	<administrative transfer to B01F 25/901>
D	B01F 7/00	<administrative transfer to B01F 27/00>
D	B01F 7/00008	<administrative transfer to B01F 27/05>
D	B01F 7/00016	<administrative transfer to B01F 27/051>
D	B01F 7/00025	<administrative transfer to B01F 27/052>
D	B01F 7/00033	<administrative transfer to B01F 27/053>
D	B01F 7/00041	<administrative transfer to B01F 27/0531>
D	B01F 7/0005	<administrative transfer to B01F 27/054>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 7/00058	<administrative transfer to B01F 27/0541>
D	B01F 7/00066	<administrative transfer to B01F 27/0542>
D	B01F 7/00075	<administrative transfer to B01F 27/0543>
D	B01F 7/00083	<administrative transfer to B01F 27/06>
D	B01F 7/00091	<administrative transfer to B01F 27/07>
D	B01F 7/001	<administrative transfer to B01F 27/071>
D	B01F 7/00108	<administrative transfer to B01F 27/072>
D	B01F 7/00116	<administrative transfer to B01F 27/0721>
D	B01F 7/00125	<administrative transfer to B01F 27/0722>
D	B01F 7/00133	<administrative transfer to B01F 27/0723>
D	B01F 7/00141	<administrative transfer to B01F 27/0724>
D	B01F 7/0015	<administrative transfer to B01F 27/0725>
D	B01F 7/00158	<administrative transfer to B01F 27/0726>
D	B01F 7/00166	<administrative transfer to B01F 27/07261>
D	B01F 7/00175	<administrative transfer to B01F 27/0727>
D	B01F 7/00183	<administrative transfer to B01F 27/073>
D	B01F 7/00191	<administrative transfer to B01F 27/074>
D	B01F 7/002	<administrative transfer to B01F 27/09>
D	B01F 7/00208	<administrative transfer to B01F 27/091>
D	B01F 7/00216	<administrative transfer to B01F 27/092>
D	B01F 7/00225	<administrative transfer to B01F 27/093>
D	B01F 7/00233	<administrative transfer to B01F 27/11>
D	B01F 7/00241	<administrative transfer to B01F 27/111>
D	B01F 7/0025	<administrative transfer to B01F 27/112>
D	B01F 7/00258	<administrative transfer to B01F 27/1121>
D	B01F 7/00266	<administrative transfer to B01F 27/1122>
D	B01F 7/00275	<administrative transfer to B01F 27/1123>
D	B01F 7/00283	<administrative transfer to B01F 27/1124>
D	B01F 7/00291	<administrative transfer to B01F 27/1125>
D	B01F 7/003	<administrative transfer to B01F 27/11251>
D	B01F 7/00308	<administrative transfer to B01F 27/11252>
D	B01F 7/00316	<administrative transfer to B01F 27/11253>
D	B01F 7/00325	<administrative transfer to B01F 27/1126>
D	B01F 7/00333	<administrative transfer to B01F 27/1127>
D	B01F 7/00341	<administrative transfer to B01F 27/113>
D	B01F 7/0035	<administrative transfer to B01F 27/1131>
D	B01F 7/00358	<administrative transfer to B01F 27/1132>
D	B01F 7/00366	<administrative transfer to B01F 27/1133>
D	B01F 7/00375	<administrative transfer to B01F 27/1134>
D	B01F 7/00383	<administrative transfer to B01F 27/1111>
D	B01F 7/00391	<administrative transfer to B01F 27/114>
D	B01F 7/004	<administrative transfer to B01F 27/1141>
D	B01F 7/00408	<administrative transfer to B01F 27/1142>
D	B01F 7/00416	<administrative transfer to B01F 27/1143>
D	B01F 7/00425	<administrative transfer to B01F 27/1144>
D	B01F 7/00433	<administrative transfer to B01F 27/1145>
D	B01F 7/00441	<administrative transfer to B01F 27/11451>
D	B01F 7/0045	<administrative transfer to B01F 27/115>
D	B01F 7/00458	<administrative transfer to B01F 27/1151>
D	B01F 7/00466	<administrative transfer to B01F 27/1152>
D	B01F 7/00475	<administrative transfer to B01F 27/1153>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 7/00483	<administrative transfer to B01F 27/1154>
D	B01F 7/00491	<administrative transfer to B01F 27/1155>
D	B01F 7/005	<administrative transfer to B01F 27/116>
D	B01F 7/00508	<administrative transfer to B01F 27/1161>
D	B01F 7/00516	<administrative transfer to B01F 27/1162>
D	B01F 7/00525	<administrative transfer to B01F 27/1163>
D	B01F 7/00533	<administrative transfer to B01F 27/11631>
D	B01F 7/00541	<administrative transfer to B01F 27/117>
D	B01F 7/0055	<administrative transfer to B01F 27/1171>
D	B01F 7/00558	<administrative transfer to B01F 27/118>
D	B01F 7/00566	<administrative transfer to B01F 27/119>
D	B01F 7/00575	<administrative transfer to B01F 27/1191>
D	B01F 7/00583	<administrative transfer to B01F 27/13>
D	B01F 7/00591	<administrative transfer to B01F 27/15>
D	B01F 7/006	<administrative transfer to B01F 27/17>
D	B01F 7/00608	<administrative transfer to B01F 27/171>
D	B01F 7/00616	<administrative transfer to B01F 27/172>
D	B01F 7/00625	<administrative transfer to B01F 27/19>
D	B01F 7/00633	<administrative transfer to B01F 27/191>
D	B01F 7/00641	<administrative transfer to B01F 27/192>
D	B01F 7/0065	<administrative transfer to B01F 27/1921>
D	B01F 7/00658	<administrative transfer to B01F 27/21>
D	B01F 7/00666	<administrative transfer to B01F 27/211>
D	B01F 7/00675	<administrative transfer to B01F 27/2111>
D	B01F 7/00683	<administrative transfer to B01F 27/212>
D	B01F 7/00691	<administrative transfer to B01F 27/2121>
D	B01F 7/007	<administrative transfer to B01F 27/2122>
D	B01F 7/00708	<administrative transfer to B01F 27/2123>
D	B01F 7/00716	<administrative transfer to B01F 27/2124>
D	B01F 7/00725	<administrative transfer to B01F 27/213>
D	B01F 7/00733	<administrative transfer to B01F 27/25>
D	B01F 7/00741	<administrative transfer to B01F 27/251>
D	B01F 7/0075	<administrative transfer to B01F 27/27>
D	B01F 7/00758	<administrative transfer to B01F 27/271>
D	B01F 7/00766	<administrative transfer to B01F 27/2711>
D	B01F 7/00775	<administrative transfer to B01F 27/2712>
D	B01F 7/00783	<administrative transfer to B01F 27/2713>
D	B01F 7/00791	<administrative transfer to B01F 27/2714>
D	B01F 7/008	<administrative transfer to B01F 27/272>
D	B01F 7/00808	<administrative transfer to B01F 27/2721>
D	B01F 7/00816	<administrative transfer to B01F 27/2722>
D	B01F 7/00825	<administrative transfer to B01F 27/2723>
D	B01F 7/00833	<administrative transfer to B01F 27/2724>
D	B01F 7/00841	<administrative transfer to B01F 27/276>
D	B01F 7/0085	<administrative transfer to B01F 27/40>
D	B01F 7/00858	<administrative transfer to B01F 27/41>
D	B01F 7/00866	<administrative transfer to B01F 27/411>
D	B01F 7/00875	<administrative transfer to B01F 27/412>
D	B01F 7/00883	<administrative transfer to B01F 27/42>
D	B01F 7/00891	<administrative transfer to B01F 27/421>
D	B01F 7/009	<administrative transfer to B01F 27/422>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 7/00908	<administrative transfer to B01F 27/50>
D	B01F 7/00916	<administrative transfer to B01F 27/55>
D	B01F 7/00925	<administrative transfer to B01F 27/23>
D	B01F 7/00933	<administrative transfer to B01F 27/231>
D	B01F 7/00941	<administrative transfer to B01F 27/2311>
D	B01F 7/0095	<administrative transfer to B01F 27/2312>
D	B01F 7/00958	<administrative transfer to B01F 27/232>
D	B01F 7/00966	<administrative transfer to B01F 27/2321>
D	B01F 7/00975	<administrative transfer to B01F 27/2322>
D	B01F 7/00983	<administrative transfer to B01F 27/2323>
D	B01F 7/00991	<administrative transfer to B01F 27/2324>
D	B01F 7/02	<administrative transfer to B01F 27/60>
D	B01F 7/021	<administrative transfer to B01F 27/61>
D	B01F 7/022	<administrative transfer to B01F 27/62>
D	B01F 7/024	<administrative transfer to B01F 27/621>
D	B01F 7/025	<administrative transfer to B01F 27/625>
D	B01F 7/027	<administrative transfer to B01F 27/627>
D	B01F 7/028	<administrative transfer to B01F 27/65>
D	B01F 7/04	<administrative transfer to B01F 27/70>
D	B01F 7/041	<administrative transfer to B01F 27/701>
D	B01F 7/042	<administrative transfer to B01F 27/702>
D	B01F 7/043	<administrative transfer to B01F 27/703>
D	B01F 7/045	<administrative transfer to B01F 27/704>
D	B01F 7/046	<administrative transfer to B01F 27/708>
D	B01F 7/047	<administrative transfer to B01F 27/706>
D	B01F 7/048	<administrative transfer to B01F 27/707>
D	B01F 7/06	<administrative transfer to B01F 27/71>
D	B01F 7/063	<administrative transfer to B01F 27/711>
D	B01F 7/066	<administrative transfer to B01F 27/7111>
D	B01F 7/08	<administrative transfer to B01F 27/72>
D	B01F 7/081	<administrative transfer to B01F 27/721>
D	B01F 7/082	<administrative transfer to B01F 27/722>
D	B01F 7/083	<administrative transfer to B01F 27/7221>
D	B01F 7/085	<administrative transfer to B01F 27/723>
D	B01F 7/086	<administrative transfer to B01F 27/724>
D	B01F 7/087	<administrative transfer to B01F 27/725>
D	B01F 7/088	<administrative transfer to B01F 27/726>
D	B01F 7/10	<administrative transfer to B01F 27/73>
D	B01F 7/105	<administrative transfer to B01F 27/731>
D	B01F 7/12	<administrative transfer to B01F 27/74>
D	B01F 7/14	<administrative transfer to B01F 27/75>
D	B01F 7/145	<administrative transfer to B01F 27/755>
D	B01F 7/16	<administrative transfer to B01F 27/80>
D	B01F 7/1605	<administrative transfer to B01F 27/805>
D	B01F 7/161	<administrative transfer to B01F 27/806>
D	B01F 7/1615	<administrative transfer to B01F 27/807>
D	B01F 7/162	<administrative transfer to B01F 27/808>
D	B01F 7/1625	<administrative transfer to B01F 27/81>
D	B01F 7/163	<administrative transfer to B01F 27/811>
D	B01F 7/1635	<administrative transfer to B01F 27/8111>
D	B01F 7/164	<administrative transfer to B01F 27/812>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 7/1645	<administrative transfer to B01F 27/813>
D	B01F 7/165	<administrative transfer to B01F 27/82>
D	B01F 7/1655	<administrative transfer to B01F 27/83>
D	B01F 7/166	<administrative transfer to B01F 27/84>
D	B01F 7/1665	<administrative transfer to B01F 27/85>
D	B01F 7/167	<administrative transfer to B01F 27/851>
D	B01F 7/1675	<administrative transfer to B01F 27/86>
D	B01F 7/168	<administrative transfer to B01F 27/861>
D	B01F 7/1685	<administrative transfer to B01F 27/862>
D	B01F 7/169	<administrative transfer to B01F 27/87>
D	B01F 7/1695	<administrative transfer to B01F 27/88>
D	B01F 7/18	<administrative transfer to B01F 27/90>
D	B01F 7/183	<administrative transfer to B01F 27/902>
D	B01F 7/186	<administrative transfer to B01F 27/9021>
D	B01F 7/20	<administrative transfer to B01F 27/906>
D	B01F 7/22	<administrative transfer to B01F 27/91>
D	B01F 7/225	<administrative transfer to B01F 27/911>
D	B01F 7/24	<administrative transfer to B01F 27/92>
D	B01F 7/241	<administrative transfer to B01F 27/922>
D	B01F 7/242	<administrative transfer to B01F 27/921>
D	B01F 7/243	<administrative transfer to B01F 27/9211>
D	B01F 7/244	<administrative transfer to B01F 27/92112>
D	B01F 7/245	<administrative transfer to B01F 27/9212>
D	B01F 7/246	<administrative transfer to B01F 27/9213>
D	B01F 7/247	<administrative transfer to B01F 27/9214>
D	B01F 7/248	<administrative transfer to B01F 27/923>
D	B01F 7/26	<administrative transfer to B01F 27/93>
D	B01F 7/28	<administrative transfer to B01F 27/94>
D	B01F 7/285	<administrative transfer to B01F 27/941>
D	B01F 7/30	<administrative transfer to B01F 27/95>
D	B01F 7/302	<administrative transfer to B01F 27/953>
D	B01F 7/305	<administrative transfer to B01F 27/951>
D	B01F 7/307	<administrative transfer to B01F 27/952>
D	B01F 7/32	<administrative transfer to B01F 27/96>
D	B01F 9/00	<administrative transfer to B01F 29/00>
D	B01F 9/0001	<administrative transfer to B01F 29/10>
D	B01F 9/0003	<administrative transfer to B01F 29/15>
D	B01F 9/0005	<administrative transfer to B01F 29/20>
D	B01F 9/0007	<administrative transfer to B01F 29/25>
D	B01F 9/0009	<administrative transfer to B01F 29/251>
D	B01F 9/001	<administrative transfer to B01F 29/252>
D	B01F 9/0012	<administrative transfer to B01F 29/253>
D	B01F 9/0014	<administrative transfer to B01F 29/30>
D	B01F 9/0016	<administrative transfer to B01F 29/31>
D	B01F 9/0018	<administrative transfer to B01F 29/32>
D	B01F 9/002	<administrative transfer to B01F 29/321>
D	B01F 9/0021	<administrative transfer to B01F 29/322>
D	B01F 9/0023	<administrative transfer to B01F 29/33>
D	B01F 9/0025	<administrative transfer to B01F 29/331>
D	B01F 9/0027	<administrative transfer to B01F 29/332>
D	B01F 9/0029	<administrative transfer to B01F 29/333>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 9/003	<administrative transfer to B01F 29/34>
D	B01F 9/0032	<administrative transfer to B01F 29/40>
D	B01F 9/0034	<administrative transfer to B01F 29/401>
D	B01F 9/0036	<administrative transfer to B01F 29/4011>
D	B01F 9/0038	<administrative transfer to B01F 29/40111>
D	B01F 9/004	<administrative transfer to B01F 29/40112>
D	B01F 9/0041	<administrative transfer to B01F 29/40113>
D	B01F 9/0043	<administrative transfer to B01F 29/40114>
D	B01F 9/0045	<administrative transfer to B01F 29/40115>
D	B01F 9/0047	<administrative transfer to B01F 29/40116>
D	B01F 9/0049	<administrative transfer to B01F 29/40117>
D	B01F 9/005	<administrative transfer to B01F 29/40118>
D	B01F 9/0052	<administrative transfer to B01F 29/40119>
D	B01F 9/0054	<administrative transfer to B01F 29/401195>
D	B01F 2009/0056	<administrative transfer to B01F 29/401 INV>
D	B01F 2009/0058	<administrative transfer to B01F 29/403 INV>
D	B01F 2009/0059	<administrative transfer to B01F 29/4031 INV>
D	B01F 2009/0061	<administrative transfer to B01F 29/4032 INV>
D	B01F 2009/0063	<administrative transfer to B01F 29/4033 INV>
D	B01F 2009/0065	<administrative transfer to B01F 29/4034 INV>
D	B01F 2009/0067	<administrative transfer to B01F 29/4035 INV>
D	B01F 2009/0069	<administrative transfer to B01F 29/40351 INV>
D	B01F 2009/007	<administrative transfer to B01F 29/40352 INV>
D	B01F 2009/0072	<administrative transfer to B01F 29/40353 INV>
D	B01F 2009/0074	<administrative transfer to B01F 29/40354 INV>
D	B01F 2009/0076	<administrative transfer to B01F 29/4036 INV>
D	B01F 2009/0078	<administrative transfer to B01F 29/40361 INV>
D	B01F 2009/0079	<administrative transfer to B01F 29/40362 INV>
D	B01F 2009/0081	<administrative transfer to B01F 29/40363 INV>
D	B01F 2009/0083	<administrative transfer to B01F 29/40364 INV>
D	B01F 2009/0085	<administrative transfer to B01F 29/40365 INV >
D	B01F 2009/0087	<administrative transfer to B01F 29/402 INV>
D	B01F 2009/0089	<administrative transfer to B01F 29/4021 INV>
D	B01F 2009/009	<administrative transfer to B01F 29/4022 INV>
D	B01F 2009/0092	<administrative transfer to B01F 29/40221 INV>
D	B01F 2009/0094	<administrative transfer to B01F 29/40222 INV>
D	B01F 2009/0096	<administrative transfer to B01F 29/4023 INV>
D	B01F 2009/0098	<administrative transfer to B01F 29/40231 INV>
D	B01F 9/02	<administrative transfer to B01F 29/60>
D	B01F 9/025	<administrative transfer to B01F 29/61>
D	B01F 9/04	<administrative transfer to B01F 29/62>
D	B01F 9/06	<administrative transfer to B01F 29/63>
D	B01F 9/08	<administrative transfer to B01F 29/64>
D	B01F 9/10	<administrative transfer to B01F 29/80>
D	B01F 9/103	<administrative transfer to B01F 29/81>
D	B01F 9/106	<administrative transfer to B01F 29/82>
D	B01F 9/12	<administrative transfer to B01F 29/83>
D	B01F 9/125	<administrative transfer to B01F 29/835>
D	B01F 9/14	<administrative transfer to B01F 29/84>
D	B01F 9/16	<administrative transfer to B01F 29/85>
D	B01F 9/18	<administrative transfer to B01F 29/86>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 9/20	<administrative transfer to B01F 29/87>
D	B01F 9/22	<administrative transfer to B01F 29/90>
D	B01F 11/00	<administrative transfer to B01F 31/00>
D	B01F 11/0002	<administrative transfer to B01F 31/10>
D	B01F 11/0005	<administrative transfer to B01F 31/20>
D	B01F 11/0008	<administrative transfer to B01F 31/201>
D	B01F 11/0011	<administrative transfer to B01F 31/202>
D	B01F 11/0014	<administrative transfer to B01F 31/22>
D	B01F 11/0017	<administrative transfer to B01F 31/23>
D	B01F 11/002	<administrative transfer to B01F 31/231>
D	B01F 11/0022	<administrative transfer to B01F 31/24>
D	B01F 11/0025	<administrative transfer to B01F 31/25>
D	B01F 11/0028	<administrative transfer to B01F 31/26>
D	B01F 11/0031	<administrative transfer to B01F 31/265>
D	B01F 11/0034	<administrative transfer to B01F 31/27>
D	B01F 11/0037	<administrative transfer to B01F 31/275>
D	B01F 11/004	<administrative transfer to B01F 31/28>
D	B01F 11/0042	<administrative transfer to B01F 31/29>
D	B01F 11/0045	<administrative transfer to B01F 31/31>
D	B01F 11/0048	<administrative transfer to B01F 31/311>
D	B01F 11/0051	<administrative transfer to B01F 31/312>
D	B01F 11/0054	<administrative transfer to B01F 31/40>
D	B01F 11/0057	<administrative transfer to B01F 31/401>
D	B01F 11/006	<administrative transfer to B01F 31/46>
D	B01F 11/0062	<administrative transfer to B01F 31/50>
D	B01F 11/0065	<administrative transfer to B01F 31/55>
D	B01F 11/0068	<administrative transfer to B01F 31/56>
D	B01F 11/0071	<administrative transfer to B01F 31/65>
D	B01F 11/0074	<administrative transfer to B01F 31/651>
D	B01F 11/0077	<administrative transfer to B01F 31/57>
D	B01F 11/008	<administrative transfer to B01F 31/44>
D	B01F 11/0082	<administrative transfer to B01F 31/441>
D	B01F 11/0085	<administrative transfer to B01F 31/443>
D	B01F 11/0088	<administrative transfer to B01F 31/445>
D	B01F 11/0091	<administrative transfer to B01F 31/449>
D	B01F 11/0094	<administrative transfer to B01F 31/60>
D	B01F 11/0097	<administrative transfer to B01F 31/70>
D	B01F 11/02	<administrative transfer to B01F 31/80>
D	B01F 11/0208	<administrative transfer to B01F 31/81>
D	B01F 11/0216	<administrative transfer to B01F 31/82>
D	B01F 11/0225	<administrative transfer to B01F 31/83>
D	B01F 11/0233	<administrative transfer to B01F 31/831>
D	B01F 11/0241	<administrative transfer to B01F 31/84>
D	B01F 11/025	<administrative transfer to B01F 31/841>
D	B01F 11/0258	<administrative transfer to B01F 31/85>
D	B01F 11/0266	<administrative transfer to B01F 31/86>
D	B01F 11/0275	<administrative transfer to B01F 31/861>
D	B01F 11/0283	<administrative transfer to B01F 31/87>
D	B01F 11/0291	<administrative transfer to B01F 31/89>
D	B01F 11/04	<administrative transfer to B01F 31/42>
D	B01F 13/00	<administrative transfer to B01F 33/00>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 13/0001	<administrative transfer to B01F 33/05>
D	B01F 13/0003	<administrative transfer to B01F 33/051>
D	B01F 13/0005	<administrative transfer to B01F 33/052>
D	B01F 13/0006	<administrative transfer to B01F 33/053>
D	B01F 13/0008	<administrative transfer to B01F 33/054>
D	B01F 13/001	<administrative transfer to B01F 33/055>
D	B01F 13/0011	<administrative transfer to B01F 33/12>
D	B01F 13/0013	<administrative transfer to B01F 33/26>
D	B01F 13/0015	<administrative transfer to B01F 33/27>
D	B01F 13/0016	<administrative transfer to B01F 33/50>
D	B01F 13/0018	<administrative transfer to B01F 33/501>
D	B01F 13/002	<administrative transfer to B01F 33/5011>
D	B01F 13/0022	<administrative transfer to B01F 33/50111>
D	B01F 13/0023	<administrative transfer to B01F 33/50112>
D	B01F 13/0025	<administrative transfer to B01F 33/50113>
D	B01F 13/0027	<administrative transfer to B01F 33/50114>
D	B01F 13/0028	<administrative transfer to B01F 33/50115>
D	B01F 13/003	<administrative transfer to B01F 33/5012>
D	B01F 13/0032	<administrative transfer to B01F 33/5013>
D	B01F 13/0033	<administrative transfer to B01F 33/5014>
D	B01F 13/0035	<administrative transfer to B01F 33/502>
D	B01F 13/0037	<administrative transfer to B01F 33/5021>
D	B01F 13/0038	<administrative transfer to B01F 33/5022>
D	B01F 13/004	<administrative transfer to B01F 33/5023>
D	B01F 13/0042	<administrative transfer to B01F 33/5024>
D	B01F 13/0044	<administrative transfer to B01F 33/5025>
D	B01F 13/0045	<administrative transfer to B01F 33/5026>
D	B01F 13/0047	<administrative transfer to B01F 33/5027>
D	B01F 13/0049	<administrative transfer to B01F 33/503>
D	B01F 13/005	<administrative transfer to B01F 33/25>
D	B01F 13/0052	<administrative transfer to B01F 33/251>
D	B01F 13/0054	<administrative transfer to B01F 33/252>
D	B01F 13/0055	<administrative transfer to B01F 33/253>
D	B01F 13/0057	<administrative transfer to B01F 33/254>
D	B01F 13/0059	<administrative transfer to B01F 33/30>
D	B01F 13/0061	<administrative transfer to B01F 33/301>
D	B01F 13/0062	<administrative transfer to B01F 33/3011>
D	B01F 13/0064	<administrative transfer to B01F 33/3017>
D	B01F 13/0066	<administrative transfer to B01F 33/3012>
D	B01F 13/0067	<administrative transfer to B01F 33/30121>
D	B01F 13/0069	<administrative transfer to B01F 33/302>
D	B01F 13/0071	<administrative transfer to B01F 33/3021>
D	B01F 13/0072	<administrative transfer to B01F 33/3022>
D	B01F 13/0074	<administrative transfer to B01F 33/305>
D	B01F 13/0076	<administrative transfer to B01F 33/3031>
D	B01F 13/0077	<administrative transfer to B01F 33/3032>
D	B01F 13/0079	<administrative transfer to B01F 33/3033>
D	B01F 13/0081	<administrative transfer to B01F 33/3034>
D	B01F 13/0083	<administrative transfer to B01F 33/3035>
D	B01F 13/0084	<administrative transfer to B01F 33/30351>
D	B01F 13/0086	<administrative transfer to B01F 33/30352>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 13/0088	<administrative transfer to B01F 33/3036>
D	B01F 13/0089	<administrative transfer to B01F 33/3037>
D	B01F 13/0091	<administrative transfer to B01F 33/3038>
D	B01F 13/0093	<administrative transfer to B01F 33/3039>
D	B01F 13/0094	<administrative transfer to B01F 33/304>
D	B01F 13/0096	<administrative transfer to B01F 33/3045>
D	B01F 13/0098	<administrative transfer to B01F 33/35>
D	B01F 13/02	<administrative transfer to B01F 33/40>
D	B01F 13/0205	<administrative transfer to B01F 33/401>
D	B01F 13/0211	<administrative transfer to B01F 33/402>
D	B01F 13/0216	<administrative transfer to B01F 33/4021>
D	B01F 13/0222	<administrative transfer to B01F 33/403>
D	B01F 13/0227	<administrative transfer to B01F 33/404>
D	B01F 13/0233	<administrative transfer to B01F 33/405>
D	B01F 13/0238	<administrative transfer to B01F 33/4051>
D	B01F 13/0244	<administrative transfer to B01F 33/40511>
D	B01F 13/025	<administrative transfer to B01F 33/40512>
D	B01F 13/0255	<administrative transfer to B01F 33/406>
D	B01F 13/0261	<administrative transfer to B01F 33/4061>
D	B01F 13/0266	<administrative transfer to B01F 33/4062>
D	B01F 13/0272	<administrative transfer to B01F 33/407>
D	B01F 13/0277	<administrative transfer to B01F 33/408>
D	B01F 13/0283	<administrative transfer to B01F 33/409>
D	B01F 13/0288	<administrative transfer to B01F 33/4092>
D	B01F 13/0294	<administrative transfer to B01F 33/4094>
D	B01F 13/04	<administrative transfer to B01F 35/60>
D	B01F 13/042	<administrative transfer to B01F 35/602>
D	B01F 13/045	<administrative transfer to B01F 35/605>
D	B01F 13/047	<administrative transfer to B01F 35/6052>
D	B01F 13/06	<administrative transfer to B01F 33/70>
D	B01F 13/065	<administrative transfer to B01F 33/71>
D	B01F 13/08	<administrative transfer to B01F 33/45>
D	B01F 13/0809	<administrative transfer to B01F 33/451>
D	B01F 13/0818	<administrative transfer to B01F 33/452>
D	B01F 13/0827	<administrative transfer to B01F 33/453>
D	B01F 13/0836	<administrative transfer to B01F 33/4531>
D	B01F 13/0845	<administrative transfer to B01F 33/4532>
D	B01F 13/0854	<administrative transfer to B01F 33/4533>
D	B01F 13/0863	<administrative transfer to B01F 33/4534>
D	B01F 13/0872	<administrative transfer to B01F 33/4535>
D	B01F 13/0881	<administrative transfer to B01F 33/4536>
D	B01F 13/089	<administrative transfer to B01F 33/4537>
D	B01F 13/10	<administrative transfer to B01F 33/80>
D	B01F 13/1002	<administrative transfer to B01F 33/805>
D	B01F 13/1005	<administrative transfer to B01F 33/8051>
D	B01F 13/1008	<administrative transfer to B01F 33/80514>
D	B01F 13/1011	<administrative transfer to B01F 33/8052>
D	B01F 13/1013	<administrative transfer to B01F 33/81>
D	B01F 13/1016	<administrative transfer to B01F 33/811>
D	B01F 13/1019	<administrative transfer to B01F 33/812>
D	B01F 13/1022	<administrative transfer to B01F 33/813>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 13/1025	<administrative transfer to B01F 33/82>
D	B01F 13/1027	<administrative transfer to B01F 33/821>
D	B01F 13/103	<administrative transfer to B01F 33/8212>
D	B01F 13/1033	<administrative transfer to B01F 33/822>
D	B01F 13/1036	<administrative transfer to B01F 33/823>
D	B01F 13/1038	<administrative transfer to B01F 33/824>
D	B01F 13/1041	<administrative transfer to B01F 33/83>
D	B01F 13/1044	<administrative transfer to B01F 33/8305>
D	B01F 13/1047	<administrative transfer to B01F 33/831>
D	B01F 13/105	<administrative transfer to B01F 33/833>
D	B01F 2013/1052	<administrative transfer to B01F 33/834 INV>
D	B01F 13/1055	<administrative transfer to B01F 33/84>
D	B01F 13/1058	<administrative transfer to B01F 33/841>
D	B01F 13/1061	<administrative transfer to B01F 33/844>
D	B01F 13/1063	<administrative transfer to B01F 33/8442>
D	B01F 13/1066	<administrative transfer to B01F 33/846>
D	B01F 13/1069	<administrative transfer to B01F 33/848>
D	B01F 13/1072	<administrative transfer to B01F 33/85>
D	B01F 2013/1075	<administrative transfer to B01F 33/836 INV>
D	B01F 2013/1077	<administrative transfer to B01F 33/8361 INV>
D	B01F 2013/108	<administrative transfer to B01F 33/83611 INV>
D	B01F 2013/1083	<administrative transfer to B01F 33/83612 INV>
D	B01F 2013/1086	<administrative transfer to B01F 33/83613 INV>
D	B01F 2013/1088	<administrative transfer to B01F 33/83614 INV>
D	B01F 2013/1091	<administrative transfer to B01F 33/8362 INV>
D	B01F 2013/1094	<administrative transfer to B01F 33/8363 INV>
D	B01F 2013/1097	<administrative transfer to B01F 33/8364 INV>
D	B01F 15/00	<administrative transfer to B01F 35/00>
D	B01F 15/00006	<administrative transfer to B01F 33/86>
D	B01F 15/00012	<administrative transfer to B01F 33/862>
D	B01F 15/00019	<administrative transfer to B01F 35/145>
D	B01F 15/00025	<administrative transfer to B01F 35/1452>
D	B01F 15/00032	<administrative transfer to B01F 35/1453>
D	B01F 15/00038	<administrative transfer to B01F 35/12>
D	B01F 15/00045	<administrative transfer to B01F 35/121>
D	B01F 15/00051	<administrative transfer to B01F 35/122>
D	B01F 15/00058	<administrative transfer to B01F 35/123>
D	B01F 15/00064	<administrative transfer to B01F 35/13>
D	B01F 15/00071	<administrative transfer to B01F 35/146>
D	B01F 2015/00077	<administrative transfer to B01F 2035/35>
D	B01F 2015/00084	<administrative transfer to B01F 2035/351>
D	B01F 2015/0009	<administrative transfer to B01F 2035/3511>
D	B01F 2015/00097	<administrative transfer to B01F 2035/3512>
D	B01F 2015/00103	<administrative transfer to B01F 2035/3513>
D	B01F 2015/0011	<administrative transfer to B01F 2035/352>
D	B01F 2015/00116	<administrative transfer to B01F 2035/353>
D	B01F 15/00123	<administrative transfer to B01F 35/20>
D	B01F 15/00129	<administrative transfer to B01F 35/211>
D	B01F 15/00136	<administrative transfer to B01F 35/2111>
D	B01F 15/00142	<administrative transfer to B01F 35/21111>
D	B01F 15/00149	<administrative transfer to B01F 35/21112>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 15/00155	<administrative transfer to B01F 35/2112>
D	B01F 15/00162	<administrative transfer to B01F 35/2113>
D	B01F 15/00168	<administrative transfer to B01F 35/2114>
D	B01F 15/00175	<administrative transfer to B01F 35/2115>
D	B01F 15/00181	<administrative transfer to B01F 35/21151>
D	B01F 15/00188	<administrative transfer to B01F 35/2116>
D	B01F 15/00194	<administrative transfer to B01F 35/2117>
D	B01F 15/00201	<administrative transfer to B01F 35/212>
D	B01F 15/00207	<administrative transfer to B01F 35/213>
D	B01F 15/00214	<administrative transfer to B01F 35/2131>
D	B01F 15/0022	<administrative transfer to B01F 35/2132>
D	B01F 15/00227	<administrative transfer to B01F 35/2133>
D	B01F 15/00233	<administrative transfer to B01F 35/2134>
D	B01F 15/0024	<administrative transfer to B01F 35/2135>
D	B01F 15/00246	<administrative transfer to B01F 35/2136>
D	B01F 15/00253	<administrative transfer to B01F 35/2209>
D	B01F 15/00259	<administrative transfer to B01F 35/214>
D	B01F 15/00266	<administrative transfer to B01F 35/2142>
D	B01F 15/00272	<administrative transfer to B01F 35/2144>
D	B01F 15/00279	<administrative transfer to B01F 35/22>
D	B01F 15/00285	<administrative transfer to B01F 35/2202>
D	B01F 15/00292	<administrative transfer to B01F 35/2203>
D	B01F 15/00298	<administrative transfer to B01F 35/2204>
D	B01F 15/00305	<administrative transfer to B01F 35/2205>
D	B01F 15/00311	<administrative transfer to B01F 35/2206>
D	B01F 15/00318	<administrative transfer to B01F 35/2207>
D	B01F 15/00324	<administrative transfer to B01F 35/2208>
D	B01F 15/00331	<administrative transfer to B01F 35/221>
D	B01F 15/00337	<administrative transfer to B01F 35/222>
D	B01F 15/00344	<administrative transfer to B01F 35/2211>
D	B01F 15/0035	<administrative transfer to B01F 35/2212>
D	B01F 15/00357	<administrative transfer to B01F 35/2213>
D	B01F 15/00363	<administrative transfer to B01F 35/2214>
D	B01F 15/0037	<administrative transfer to B01F 35/22141>
D	B01F 15/00376	<administrative transfer to B01F 35/22142>
D	B01F 15/00383	<administrative transfer to B01F 35/221421>
D	B01F 15/00389	<administrative transfer to B01F 35/221422>
D	B01F 15/00396	<administrative transfer to B01F 35/2215>
D	B01F 15/00402	<administrative transfer to B01F 35/2216>
D	B01F 15/00409	<administrative transfer to B01F 35/22161>
D	B01F 15/00415	<administrative transfer to B01F 35/22162>
D	B01F 15/00422	<administrative transfer to B01F 35/2217>
D	B01F 15/00428	<administrative transfer to B01F 35/2218>
D	B01F 15/00435	<administrative transfer to B01F 35/30>
D	B01F 15/00441	<administrative transfer to B01F 35/322>
D	B01F 15/00448	<administrative transfer to B01F 35/323>
D	B01F 15/00454	<administrative transfer to B01F 35/3231>
D	B01F 15/00461	<administrative transfer to B01F 35/324>
D	B01F 15/00467	<administrative transfer to B01F 35/325>
D	B01F 15/00474	<administrative transfer to B01F 35/30>
D	B01F 15/0048	<administrative transfer to B01F 35/31>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 15/00487	<administrative transfer to B01F 35/32005>
D	B01F 15/00493	<administrative transfer to B01F 35/3201>
D	B01F 15/005	<administrative transfer to B01F 35/32015>
D	B01F 15/00506	<administrative transfer to B01F 35/3202>
D	B01F 15/00512	<administrative transfer to B01F 35/32021>
D	B01F 15/00519	<administrative transfer to B01F 35/32025>
D	B01F 15/00525	<administrative transfer to B01F 35/3203>
D	B01F 15/00532	<administrative transfer to B01F 35/32035>
D	B01F 15/00538	<administrative transfer to B01F 35/3204>
D	B01F 15/00545	<administrative transfer to B01F 35/32045>
D	B01F 15/00551	<administrative transfer to B01F 35/3205>
D	B01F 15/00558	<administrative transfer to B01F 35/32055>
D	B01F 15/00564	<administrative transfer to B01F 35/3206>
D	B01F 15/00571	<administrative transfer to B01F 35/32065>
D	B01F 2015/00577	<administrative transfer to B01F 35/321 INV>
D	B01F 2015/00584	<administrative transfer to B01F 35/3211 INV>
D	B01F 2015/0059	<administrative transfer to B01F 35/3212 INV>
D	B01F 2015/00597	<administrative transfer to B01F 35/3213 INV>
D	B01F 2015/00603	<administrative transfer to B01F 35/3214 INV>
D	B01F 2015/0061	<administrative transfer to B01F 35/3215 INV>
D	B01F 2015/00616	<administrative transfer to B01F 35/32151 INV>
D	B01F 2015/00623	<administrative transfer to B01F 35/33 INV>
D	B01F 2015/00629	<administrative transfer to B01F 35/331 INV>
D	B01F 2015/00636	<administrative transfer to B01F 35/332 INV>
D	B01F 2015/00642	<administrative transfer to B01F 35/333 INV>
D	B01F 2015/00649	<administrative transfer to B01F 35/31 INV>
D	B01F 2015/00655	<administrative transfer to B01F 35/34 INV>
D	B01F 15/00662	<administrative transfer to B01F 35/40>
D	B01F 15/00668	<administrative transfer to B01F 35/41>
D	B01F 15/00675	<administrative transfer to B01F 35/411>
D	B01F 15/00681	<administrative transfer to B01F 35/4111>
D	B01F 15/00688	<administrative transfer to B01F 35/4112>
D	B01F 15/00694	<administrative transfer to B01F 35/4113>
D	B01F 15/00701	<administrative transfer to B01F 35/412>
D	B01F 15/00707	<administrative transfer to B01F 35/4121>
D	B01F 15/00714	<administrative transfer to B01F 35/4122>
D	B01F 15/0072	<administrative transfer to B01F 35/413>
D	B01F 15/00727	<administrative transfer to B01F 35/414>
D	B01F 15/00733	<administrative transfer to B01F 35/42>
D	B01F 15/0074	<administrative transfer to B01F 35/421>
D	B01F 15/00746	<administrative transfer to B01F 35/422>
D	B01F 15/00753	<administrative transfer to B01F 35/423>
D	B01F 2015/00759	<administrative transfer to B01F 35/424 INV>
D	B01F 15/00766	<administrative transfer to B01F 35/425>
D	B01F 15/00772	<administrative transfer to B01F 35/43>
D	B01F 15/00779	<administrative transfer to B01F 35/45>
D	B01F 15/00785	<administrative transfer to B01F 35/451>
D	B01F 15/00792	<administrative transfer to B01F 35/452>
D	B01F 15/00798	<administrative transfer to B01F 35/4521>
D	B01F 15/00805	<administrative transfer to B01F 35/453>
D	B01F 15/00811	<administrative transfer to B01F 35/4531>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 15/00818	<administrative transfer to B01F 35/454>
D	B01F 15/00824	<administrative transfer to B01F 35/50>
D	B01F 15/00831	<administrative transfer to B01F 35/51>
D	B01F 15/00837	<administrative transfer to B01F 35/511>
D	B01F 15/00844	<administrative transfer to B01F 35/512>
D	B01F 15/0085	<administrative transfer to B01F 35/513>
D	B01F 15/00857	<administrative transfer to B01F 35/514>
D	B01F 15/00863	<administrative transfer to B01F 35/52>
D	B01F 15/0087	<administrative transfer to B01F 35/522>
D	B01F 15/00876	<administrative transfer to B01F 35/53>
D	B01F 15/00883	<administrative transfer to B01F 35/531>
D	B01F 15/00889	<administrative transfer to B01F 35/5311>
D	B01F 15/00896	<administrative transfer to B01F 35/5312>
D	B01F 15/00902	<administrative transfer to B01F 35/532>
D	B01F 15/00909	<administrative transfer to B01F 35/54>
D	B01F 15/00915	<administrative transfer to B01F 35/55>
D	B01F 15/00922	<administrative transfer to B01F 35/10>
D	B01F 15/00928	<administrative transfer to B01F 35/56>
D	B01F 15/00935	<administrative transfer to B01F 35/561>
D	B01F 15/00941	<administrative transfer to B01F 35/562>
D	B01F 15/00948	<administrative transfer to B01F 35/5621>
D	B01F 15/00954	<administrative transfer to B01F 35/181>
D	B01F 15/00961	<administrative transfer to B01F 35/184>
D	B01F 15/00967	<administrative transfer to B01F 35/186>
D	B01F 15/00974	<administrative transfer to B01F 35/187>
D	B01F 15/0098	<administrative transfer to B01F 35/1872>
D	B01F 15/00987	<administrative transfer to B01F 35/188>
D	B01F 15/00993	<administrative transfer to B01F 35/189>
D	B01F 15/02	<administrative transfer to B01F 35/71>
D	B01F 15/0201	<administrative transfer to B01F 35/71>
D	B01F 15/0202	<administrative transfer to B01F 35/711>
D	B01F 15/0203	<administrative transfer to B01F 35/712>
D	B01F 2015/0204	<administrative transfer to B01F 35/71705 INV>
D	B01F 15/0205	<administrative transfer to B01F 35/713>
D	B01F 15/0206	<administrative transfer to B01F 35/7131>
D	B01F 15/0207	<administrative transfer to B01F 35/7132>
D	B01F 15/0208	<administrative transfer to B01F 35/7133>
D	B01F 15/0209	<administrative transfer to B01F 35/7134>
D	B01F 15/021	<administrative transfer to B01F 35/7135>
D	B01F 15/0211	<administrative transfer to B01F 35/7136>
D	B01F 15/0212	<administrative transfer to B01F 35/7137>
D	B01F 15/0213	<administrative transfer to B01F 35/7138>
D	B01F 15/0215	<administrative transfer to B01F 35/7139>
D	B01F 15/0216	<administrative transfer to B01F 35/714>
D	B01F 15/0217	<administrative transfer to B01F 35/7141>
D	B01F 15/0218	<administrative transfer to B01F 35/71411>
D	B01F 15/0219	<administrative transfer to B01F 35/714111>
D	B01F 15/022	<administrative transfer to B01F 35/714112>
D	B01F 2015/0221	<administrative transfer to B01F 35/715 INV>
D	B01F 15/0222	<administrative transfer to B01F 35/716>
D	B01F 15/0223	<administrative transfer to B01F 35/7161>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 15/0224	<administrative transfer to B01F 35/7162>
D	B01F 15/0225	<administrative transfer to B01F 35/7163>
D	B01F 15/0226	<administrative transfer to B01F 35/7164>
D	B01F 15/0227	<administrative transfer to B01F 35/717>
D	B01F 15/0229	<administrative transfer to B01F 35/71705>
D	B01F 15/023	<administrative transfer to B01F 35/7171>
D	B01F 15/0231	<administrative transfer to B01F 35/71715>
D	B01F 15/0232	<administrative transfer to B01F 35/7172>
D	B01F 15/0233	<administrative transfer to B01F 35/71725>
D	B01F 15/0234	<administrative transfer to B01F 35/7173>
D	B01F 15/0235	<administrative transfer to B01F 35/71731>
D	B01F 15/0236	<administrative transfer to B01F 35/71735>
D	B01F 15/0237	<administrative transfer to B01F 35/7174>
D	B01F 15/0238	<administrative transfer to B01F 35/71745>
D	B01F 15/0239	<administrative transfer to B01F 35/7175>
D	B01F 15/024	<administrative transfer to B01F 35/71755>
D	B01F 15/0241	<administrative transfer to B01F 35/717551>
D	B01F 15/0243	<administrative transfer to B01F 35/7176>
D	B01F 15/0244	<administrative transfer to B01F 35/71761>
D	B01F 15/0245	<administrative transfer to B01F 35/717611>
D	B01F 15/0246	<administrative transfer to B01F 35/717612>
D	B01F 15/0247	<administrative transfer to B01F 35/717613>
D	B01F 15/0248	<administrative transfer to B01F 35/717614>
D	B01F 15/0249	<administrative transfer to B01F 35/71765>
D	B01F 15/025	<administrative transfer to B01F 35/7177>
D	B01F 15/0251	<administrative transfer to B01F 35/71775>
D	B01F 15/0252	<administrative transfer to B01F 35/7178>
D	B01F 15/0253	<administrative transfer to B01F 35/71785>
D	B01F 15/0254	<administrative transfer to B01F 35/7179>
D	B01F 15/0255	<administrative transfer to B01F 35/71791>
D	B01F 15/0256	<administrative transfer to B01F 35/71795>
D	B01F 15/0258	<administrative transfer to B01F 35/718>
D	B01F 15/0259	<administrative transfer to B01F 35/71801>
D	B01F 15/026	<administrative transfer to B01F 35/71805>
D	B01F 15/0261	<administrative transfer to B01F 35/718051>
D	B01F 15/0262	<administrative transfer to B01F 35/7181>
D	B01F 15/0263	<administrative transfer to B01F 35/71815>
D	B01F 15/0264	<administrative transfer to B01F 35/7182>
D	B01F 15/0265	<administrative transfer to B01F 35/71825>
D	B01F 15/0266	<administrative transfer to B01F 35/75>
D	B01F 15/0267	<administrative transfer to B01F 35/751>
D	B01F 15/0268	<administrative transfer to B01F 35/7511>
D	B01F 2015/0269	<administrative transfer to B01F 35/75455 INV>
D	B01F 15/027	<administrative transfer to B01F 35/752>
D	B01F 15/0272	<administrative transfer to B01F 35/753>
D	B01F 2015/0273	<administrative transfer to B01F 35/754251 INV>
D	B01F 15/0274	<administrative transfer to B01F 35/754>
D	B01F 15/0275	<administrative transfer to B01F 35/7541>
D	B01F 15/0276	<administrative transfer to B01F 35/75415>
D	B01F 15/0277	<administrative transfer to B01F 35/7542>
D	B01F 15/0278	<administrative transfer to B01F 35/75425>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 15/0279	<administrative transfer to B01F 35/754251>
D	B01F 15/028	<administrative transfer to B01F 35/7543>
D	B01F 15/0281	<administrative transfer to B01F 35/75435>
D	B01F 15/0282	<administrative transfer to B01F 35/754351>
D	B01F 15/0283	<administrative transfer to B01F 35/7544>
D	B01F 15/0284	<administrative transfer to B01F 35/75441>
D	B01F 15/0286	<administrative transfer to B01F 35/75445>
D	B01F 15/0287	<administrative transfer to B01F 35/7545>
D	B01F 15/0288	<administrative transfer to B01F 35/75455>
D	B01F 15/0289	<administrative transfer to B01F 35/754551>
D	B01F 15/029	<administrative transfer to B01F 35/7546>
D	B01F 15/0291	<administrative transfer to B01F 35/75465>
D	B01F 15/0292	<administrative transfer to B01F 35/7547>
D	B01F 15/0293	<administrative transfer to B01F 35/75471>
D	B01F 15/0294	<administrative transfer to B01F 35/75475>
D	B01F 15/0295	<administrative transfer to B01F 35/7548>
D	B01F 15/0296	<administrative transfer to B01F 35/75485>
D	B01F 15/0297	<administrative transfer to B01F 35/7549>
D	B01F 15/0298	<administrative transfer to B01F 35/79>
D	B01F 15/04	<administrative transfer to B01F 35/80>
D	B01F 15/0404	<administrative transfer to B01F 35/81>
D	B01F 15/0408	<administrative transfer to B01F 35/82>
D	B01F 15/0412	<administrative transfer to B01F 35/83>
D	B01F 15/0416	<administrative transfer to B01F 35/831>
D	B01F 15/042	<administrative transfer to B01F 35/8311>
D	B01F 15/0425	<administrative transfer to B01F 35/832>
D	B01F 15/0429	<administrative transfer to B01F 35/833>
D	B01F 15/0433	<administrative transfer to B01F 35/8331>
D	B01F 15/0437	<administrative transfer to B01F 35/834>
D	B01F 15/0441	<administrative transfer to B01F 35/88>
D	B01F 15/0445	<administrative transfer to B01F 35/881>
D	B01F 15/045	<administrative transfer to B01F 35/8811>
D	B01F 15/0454	<administrative transfer to B01F 35/882>
D	B01F 15/0458	<administrative transfer to B01F 35/8821>
D	B01F 15/0462	<administrative transfer to B01F 35/8822>
D	B01F 15/0466	<administrative transfer to B01F 35/88221>
D	B01F 15/047	<administrative transfer to B01F 35/88222>
D	B01F 15/0475	<administrative transfer to B01F 35/8823>
D	B01F 15/0479	<administrative transfer to B01F 35/883>
D	B01F 15/0483	<administrative transfer to B01F 35/892>
D	B01F 15/0487	<administrative transfer to B01F 35/8921>
D	B01F 15/0491	<administrative transfer to B01F 35/894>
D	B01F 15/0495	<administrative transfer to B01F 35/896>
D	B01F 15/06	<administrative transfer to B01F 35/90>
D	B01F 2015/061	<administrative transfer to B01F 2035/98>
D	B01F 2015/062	<administrative transfer to B01F 2035/99>
D	B01F 15/063	<administrative transfer to B01F 35/91>
D	B01F 15/065	<administrative transfer to B01F 35/92>
D	B01F 15/066	<administrative transfer to B01F 35/93>
D	B01F 15/067	<administrative transfer to B01F 35/94>
D	B01F 15/068	<administrative transfer to B01F 35/95>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 17/00	<administrative transfer to C09K 23/00>
D	B01F 17/0007	<administrative transfer to C09K 23/002>
D	B01F 17/0014	<administrative transfer to C09K 23/003>
D	B01F 17/0021	<administrative transfer to C09K 23/00>
D	B01F 17/0028	<administrative transfer to C09K 23/00>
D	B01F 17/0035	<administrative transfer to C09K 23/007>
D	B01F 17/0042	<administrative transfer to C09K 23/00>
D	B01F 17/005	<administrative transfer to C09K 23/16>
D	B01F 17/0057	<administrative transfer to C09K 23/00>
D	B01F 17/0064	<administrative transfer to C09K 23/14>
D	B01F 17/0071	<administrative transfer to C09K 23/54>
D	B01F 17/0078	<administrative transfer to C09K 23/00>
D	B01F 17/0085	<administrative transfer to C09K 23/017>
D	B01F 17/0092	<administrative transfer to C09K 23/018>
Q	B01F 23/2312	B01F 23/2312, B01F 23/23121, B01F 23/23122, B01F 23/23123, B01F 23/231231, B01F 23/231232, B01F 23/231233, B01F 23/23124, B01F 23/231241, B01F 23/231242, B01F 23/231243, B01F 23/231244, B01F 23/231245, B01F 23/23125, B01F 23/23126, B01F 23/231261, B01F 23/231262, B01F 23/231263, B01F 23/231264, B01F 23/231265, B01F 23/231266, B01F 23/231267, B01F 23/231268, B01F 23/231269, B01F 23/23127
Q	B01F 23/23123	B01F 23/23123, B01F 23/23124, B01F 23/231241, B01F 23/231242, B01F 23/231243, B01F 23/231244, B01F 23/231245
Q	B01F 23/231231	B01F 23/231231, B01F 23/231241, B01F 23/231242
Q	B01F 23/231232	B01F 23/231232, B01F 23/231242
Q	B01F 23/231233	B01F 23/231233, B01F 23/231243
Q	B01F 23/232	B01F 23/232, B01F 23/2326
Q	B01F 23/2373	B01F 23/2373, B01F 23/2375
Q	B01F 23/2376	B01F 23/2376, B01F 23/23761, B01F 23/237611, B01F 23/237612, B01F 23/237613, B01F 23/23762, B01F 23/237621, B01F 23/23763, B01F 23/23764, B01F 23/23765, B01F 23/23766, B01F 23/23767
Q	B01F 25/431	B01F 25/431, B01F 25/4311, B01F 25/4312, B01F 25/4313, B01F 25/4314, B01F 25/43141, B01F 25/4315, B01F 25/43151, B01F 25/4316, B01F 25/43161, B01F 25/43162, B01F 25/43163, B01F 25/4317, B01F 25/43171, B01F 25/43172, B01F 25/4318, B01F 25/4319, B01F 25/43195, B01F 25/431951, B01F 25/431952, B01F 25/43197, B01F 25/431971, B01F 25/431972, B01F 25/431973, B01F 25/431974
Q	B01F 25/4315	B01F 25/4315, B01F 25/43151, B01F 25/4314, B01F 25/43141
Q	B01F 25/4316	B01F 25/4316, B01F 25/43161
Q	B01F 27/703	B01F 27/703, B01F 27/705
Q	B01F 27/706	B01F 27/706, B01F 27/702, B01F 27/703, B01F 27/704, B01F 27/705
Q	B01F 27/708	B01F 27/708, B01F 27/702, B01F 27/703, B01F 27/704, B01F 27/705, B01F 27/706
Q	B01F 29/20	B01F 29/20, B01F 29/62

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
Q	B01F 29/401	B01F 29/401, B01F 29/4011, B01F 29/40111, B01F 29/40112, B01F 29/40113, B01F 29/40114, B01F 29/40115, B01F 29/40116, B01F 29/40117, B01F 29/40118, B01F 29/40119, B01F 29/401195, B01F 29/402, B01F 29/4021, B01F 29/4022, B01F 29/40221, B01F 29/40222, B01F 29/4023, B01F 29/40231, B01F 29/403, B01F 29/4031, B01F 29/4032, B01F 29/4033, B01F 29/4034, B01F 29/4035, B01F 29/40351, B01F 29/40352, B01F 29/40353, B01F 29/40354, B01F 29/4036, B01F 29/40361, B01F 29/40362, B01F 29/40363, B01F 29/40364, B01F 29/40365
Q	B01F 31/25	B01F 31/25, B01F 31/50
Q	B01F 31/29	B01F 31/29, B01F 31/30
Q	B01F 31/44	B01F 31/44, B01F 31/40, B01F 31/401, B01F 31/42
Q	B01F 31/57	B01F 31/57, B01F 31/29, B01F 31/30, B01F 31/401, B01F 31/46, B01F 31/84
Q	B01F 33/00	B01F 33/00, B01F 33/87
Q	B01F 35/10	B01F 35/10, B01F 35/11, B01F 35/12, B01F 35/121, B01F 35/122, B01F 35/123, B01F 35/165
Q	B01F 35/20	B01F 35/20, B01F 35/21
Q	B01F 35/22	B01F 35/22, B01F 35/2201, B01F 35/2202, B01F 35/2203, B01F 35/2204, B01F 35/2205, B01F 35/2206, B01F 35/2207, B01F 35/2208, B01F 35/2209
Q	B01F 35/222	B01F 35/222, B01F 35/214, B01F 35/2142, B01F 35/2144, B01F 35/2221
Q	B01F 35/30	B01F 35/30, B01F 35/32
Q	B01F 35/55	B01F 35/55, B01F 27/63, B01F 35/531, B01F 35/5311, B01F 35/5312
Q	B01F 35/71	B01F 35/71, B01F 35/711, B01F 35/712, B01F 35/713, B01F 35/7131, B01F 35/7132, B01F 35/7133, B01F 35/7134, B01F 35/7135, B01F 35/7136, B01F 35/7137, B01F 35/7138, B01F 35/7139, B01F 35/714, B01F 35/7141, B01F 35/71411, B01F 35/714111, B01F 35/714112, B01F 35/715, B01F 35/716, B01F 35/7161, B01F 35/7162, B01F 35/7163, B01F 35/7164, B01F 35/717, B01F 35/71705, B01F 35/7171, B01F 35/71715, B01F 35/7172, B01F 35/71725, B01F 35/7173, B01F 35/71731, B01F 35/71735, B01F 35/7174, B01F 35/71745, B01F 35/7175, B01F 35/71755, B01F 35/717551, B01F 35/7176, B01F 35/71761, B01F 35/717611, B01F 35/717612, B01F 35/717613, B01F 35/717614, B01F 35/71765, B01F 35/7177, B01F 35/71775, B01F 35/7178, B01F 35/71785, B01F 35/7179, B01F 35/71791, B01F 35/71795, B01F 35/718, B01F 35/71801, B01F 35/71805, B01F 35/718051, B01F 35/7181, B01F 35/71815, B01F 35/7182, B01F 35/71825, B01F 35/75, B01F 35/751, B01F 35/7511, B01F 35/752, B01F 35/753, B01F 35/754, B01F 35/7541, B01F 35/75415, B01F 35/7542, B01F 35/75425, B01F 35/754251, B01F 35/7543, B01F 35/75435, B01F 35/754351, B01F 35/7544, B01F 35/75441, B01F 35/75445, B01F 35/7545, B01F 35/75455, B01F 35/754551, B01F 35/7546, B01F 35/75465, B01F 35/7547, B01F 35/75471, B01F 35/75475, B01F 35/7548, B01F 35/75485, B01F 35/7549, B01F 35/80, B01F 35/81, B01F 35/82, B01F 35/83, B01F 35/831, B01F 35/8311, B01F 35/832, B01F 35/833, B01F 35/8331, B01F 35/834, B01F 35/88, B01F 35/881, B01F 35/8811, B01F 35/882, B01F 35/8821, B01F 35/8822, B01F 35/88221, B01F 35/88222, B01F 35/8823, B01F 35/883, B01F 35/892, B01F 35/8921, B01F 35/894, B01F 35/896

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
Q	B01F 35/71705	B01F 35/71705, B01F 35/71731, B01F 35/71775
D	B01F 2201/00	<administrative transfer to B01F 23/2376>
D	B01F 2201/01	<administrative transfer to B01F 23/2376>
D	B01F 2215/0001	<administrative transfer to B01F 2101/00>
D	B01F 2215/0003	<administrative transfer to B01F 2101/005>
D	B01F 2215/0004	<administrative transfer to B01F 2101/02>
D	B01F 2215/0006	<administrative transfer to B01F 2101/07>
D	B01F 2215/0008	<administrative transfer to B01F 2101/18>
D	B01F 2215/0009	<administrative transfer to B01F 2101/04>
D	B01F 2215/0011	<administrative transfer to B01F 2101/08>
D	B01F 2215/0013	<administrative transfer to B01F 2101/09>
D	B01F 2215/0014	<administrative transfer to B01F 2101/06>
D	B01F 2215/0016	<administrative transfer to B01F 2101/10>
D	B01F 2215/0018	<administrative transfer to B01F 2101/11>
D	B01F 2215/0019	<administrative transfer to B01F 2101/12>
D	B01F 2215/0021	<administrative transfer to B01F 2101/13>
D	B01F 2215/0022	<administrative transfer to B01F 2101/14>
D	B01F 2215/0024	<administrative transfer to B01F 2101/18>
D	B01F 2215/0026	<administrative transfer to B01F 2101/1805>
D	B01F 2215/0027	<administrative transfer to B01F 2101/19>
D	B01F 2215/0029	<administrative transfer to B01F 2101/20>
D	B01F 2215/0031	<administrative transfer to B01F 2101/21>
D	B01F 2215/0032	<administrative transfer to B01F 2101/22>
D	B01F 2215/0034	<administrative transfer to B01F 2101/2202>
D	B01F 2215/0036	<administrative transfer to B01F 2101/2204>
D	B01F 2215/0037	<administrative transfer to B01F 2101/23>
D	B01F 2215/0039	<administrative transfer to B01F 2101/2305>
D	B01F 2215/004	<administrative transfer to B01F 2101/24>
D	B01F 2215/0042	<administrative transfer to B01F 2101/25>
D	B01F 2215/0044	<administrative transfer to B01F 2101/26>
D	B01F 2215/0045	<administrative transfer to B01F 2101/27>
D	B01F 2215/0047	<administrative transfer to B01F 2101/28>
D	B01F 2215/0049	<administrative transfer to B01F 2101/2805>
D	B01F 2215/005	<administrative transfer to B01F 2101/30>
D	B01F 2215/0052	<administrative transfer to B01F 2101/305>
D	B01F 2215/0054	<administrative transfer to B01F 2101/33>
D	B01F 2215/0055	<administrative transfer to B01F 2101/32>
D	B01F 2215/0057	<administrative transfer to B01F 2101/34>
D	B01F 2215/0059	<administrative transfer to B01F 2101/35>
D	B01F 2215/006	<administrative transfer to B01F 2101/36>
D	B01F 2215/0062	<administrative transfer to B01F 2101/36>
D	B01F 2215/0063	<administrative transfer to B01F 2101/38>
D	B01F 2215/0065	<administrative transfer to B01F 2101/39>
D	B01F 2215/0067	<administrative transfer to B01F 2101/40>
D	B01F 2215/0068	<administrative transfer to B01F 2101/15>
D	B01F 2215/007	<administrative transfer to B01F 2101/16>
D	B01F 2215/0072	<administrative transfer to B01F 2101/17>
D	B01F 2215/0073	<administrative transfer to B01F 2101/44>
D	B01F 2215/0075	<administrative transfer to B01F 2101/45>
D	B01F 2215/0077	<administrative transfer to B01F 2101/4505>
D	B01F 2215/0078	<administrative transfer to B01F 2101/47>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B01F 2215/008	<administrative transfer to B01F 2101/48>
D	B01F 2215/0081	<administrative transfer to B01F 2101/49>
D	B01F 2215/0083	<administrative transfer to B01F 2101/50>
D	B01F 2215/0085	<administrative transfer to B01F 2101/501>
D	B01F 2215/0086	<administrative transfer to B01F 2101/503>
D	B01F 2215/0088	<administrative transfer to B01F 2101/505>
D	B01F 2215/009	<administrative transfer to B01F 2101/54>
D	B01F 2215/0091	<administrative transfer to B01F 2101/55>
D	B01F 2215/0093	<administrative transfer to B01F 2101/56>
D	B01F 2215/0095	<administrative transfer to B01F 2101/57>
D	B01F 2215/0096	<administrative transfer to B01F 2101/58>
D	B01F 2215/0098	<administrative transfer to B01F 2101/59>
Q	C09K 23/00	C09K 23/00, C09K 23/005, C09K 23/02, C09K 23/04, C09K 23/06, C09K 23/08, C09K 23/10, C09K 23/12, C09K 23/14, C09K 23/16, C09K 23/18, C09K 23/20, C09K 23/22, C09K 23/24, C09K 23/26, C09K 23/28, C09K 23/30, C09K 23/32, C09K 23/34, C09K 23/36, C09K 23/38, C09K 23/40, C09K 23/42, C09K 23/44, C09K 23/46, C09K 23/48, C09K 23/50, C09K 23/52, C09K 23/54, C09K 23/56
Q	C09K 23/14	C09K 23/14, C09K 23/20
Q	C09K 23/16	C09K 23/16, C09K 23/30

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:
- <u>Only</u> C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the "To" column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("To") symbol, however it is required to specify "<no transfer>" in the "To" column for such cases.
- RCL is not needed for finalisation projects.

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

CPC	IPC	Action*
B01F 1/00		DELETE
B01F 1/0005		DELETE
B01F 1/0011		DELETE
B01F 1/0016		DELETE
B01F 1/0022		DELETE
B01F 1/0027		DELETE
B01F 1/0033		DELETE
B01F 1/0038		DELETE
B01F 2001/0044		DELETE
B01F 2001/005		DELETE
B01F 2001/0055		DELETE
B01F 2001/0061		DELETE
B01F 2001/0066		DELETE
B01F 2001/0072		DELETE
B01F 2001/0077		DELETE
B01F 2001/0083		DELETE
B01F 2001/0088		DELETE
B01F 2001/0094		DELETE
B01F 3/00		DELETE
B01F 2003/0007		DELETE
B01F 2003/0014		DELETE
B01F 2003/0021		DELETE
B01F 2003/0028		DELETE
B01F 2003/0035		DELETE
B01F 2003/0042		DELETE
B01F 2003/005		DELETE
B01F 2003/0057		DELETE
B01F 2003/0064		DELETE
B01F 2003/0071		DELETE
B01F 2003/0078		DELETE
B01F 2003/0085		DELETE
B01F 3/0092		DELETE
B01F 3/02		DELETE
B01F 3/022		DELETE
B01F 3/024		DELETE
B01F 3/026		DELETE
B01F 3/028		DELETE
B01F 3/04		DELETE
B01F 3/04007		DELETE

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CPC	IPC	Action*
B01F 3/04014		DELETE
B01F 3/04021		DELETE
B01F 3/04028		DELETE
B01F 3/04035		DELETE
B01F 3/04042		DELETE
B01F 3/04049		DELETE
B01F 3/04056		DELETE
B01F 3/04063		DELETE
B01F 3/0407		DELETE
B01F 3/04078		DELETE
B01F 3/04085		DELETE
B01F 2003/04092		DELETE
B01F 3/04099		DELETE
B01F 3/04106		DELETE
B01F 3/04113		DELETE
B01F 3/0412		DELETE
B01F 2003/04127		DELETE
B01F 2003/04134		DELETE
B01F 2003/04141		DELETE
B01F 2003/04148		DELETE
B01F 2003/04156		DELETE
B01F 2003/04163		DELETE
B01F 2003/0417		DELETE
B01F 2003/04177		DELETE
B01F 2003/04184		DELETE
B01F 2003/04191		DELETE
B01F 2003/04198		DELETE
B01F 2003/04205		DELETE
B01F 2003/04212		DELETE
B01F 2003/04219		DELETE
B01F 2003/04226		DELETE
B01F 2003/04234		DELETE
B01F 3/04241		DELETE
B01F 3/04248		DELETE
B01F 3/04255		DELETE
B01F 3/04262		DELETE
B01F 3/04269		DELETE
B01F 2003/04276		DELETE
B01F 2003/04283		DELETE
B01F 2003/0429		DELETE
B01F 2003/04297		DELETE
B01F 2003/04304		DELETE
B01F 2003/04312		DELETE
B01F 2003/04319		DELETE
B01F 2003/04326		DELETE

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CPC	IPC	Action*
B01F 2003/04333		DELETE
B01F 2003/0434		DELETE
B01F 2003/04347		DELETE
B01F 2003/04354		DELETE
B01F 2003/04361		DELETE
B01F 2003/04368		DELETE
B01F 2003/04375		DELETE
B01F 2003/04382		DELETE
B01F 2003/0439		DELETE
B01F 2003/04397		DELETE
B01F 2003/04404		DELETE
B01F 2003/04411		DELETE
B01F 2003/04418		DELETE
B01F 2003/04425		DELETE
B01F 2003/04432		DELETE
B01F 3/04439		DELETE
B01F 3/04446		DELETE
B01F 3/04453		DELETE
B01F 3/0446		DELETE
B01F 3/04468		DELETE
B01F 3/04475		DELETE
B01F 3/04482		DELETE
B01F 3/04489		DELETE
B01F 3/04496		DELETE
B01F 3/04503		DELETE
B01F 3/0451		DELETE
B01F 3/04517		DELETE
B01F 3/04524		DELETE
B01F 3/04531		DELETE
B01F 3/04539		DELETE
B01F 2003/04546		DELETE
B01F 2003/04553		DELETE
B01F 2003/0456		DELETE
B01F 2003/04567		DELETE
B01F 2003/04574		DELETE
B01F 2003/04581		DELETE
B01F 3/04588		DELETE
B01F 3/04595		DELETE
B01F 3/04602		DELETE
B01F 3/04609		DELETE
B01F 3/04617		DELETE
B01F 2003/04624		DELETE
B01F 2003/04631		DELETE
B01F 2003/04638		DELETE
B01F 2003/04645		DELETE

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CPC	IPC	Action*
B01F 2003/04652		DELETE
B01F 2003/04659		DELETE
B01F 2003/04666		DELETE
B01F 2003/04673		DELETE
B01F 2003/0468		DELETE
B01F 2003/04687		DELETE
B01F 2003/04695		DELETE
B01F 2003/04702		DELETE
B01F 2003/04709		DELETE
B01F 2003/04716		DELETE
B01F 2003/04723		DELETE
B01F 3/0473		DELETE
B01F 3/04737		DELETE
B01F 3/04744		DELETE
B01F 3/04751		DELETE
B01F 3/04758		DELETE
B01F 3/04765		DELETE
B01F 3/04773		DELETE
B01F 3/0478		DELETE
B01F 3/04787		DELETE
B01F 3/04794		DELETE
B01F 3/04801		DELETE
B01F 3/04808		DELETE
B01F 3/04815		DELETE
B01F 2003/04822		DELETE
B01F 3/04829		DELETE
B01F 3/04836		DELETE
B01F 2003/04843		DELETE
B01F 2003/04851		DELETE
B01F 2003/04858		DELETE
B01F 2003/04865		DELETE
B01F 2003/04872		DELETE
B01F 2003/04879		DELETE
B01F 2003/04886		DELETE
B01F 2003/04893		DELETE
B01F 2003/049		DELETE
B01F 2003/04907		DELETE
B01F 2003/04914		DELETE
B01F 2003/04921		DELETE
B01F 2003/04929		DELETE
B01F 2003/04936		DELETE
B01F 2003/04943		DELETE
B01F 2003/0495		DELETE
B01F 2003/04957		DELETE
B01F 2003/04964		DELETE

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CPC	IPC	Action*
B01F 2003/04971		DELETE
B01F 3/04978		DELETE
B01F 3/04985		DELETE
B01F 3/04992		DELETE
B01F 3/06		DELETE
B01F 2003/061		DELETE
B01F 2003/063		DELETE
B01F 2003/065		DELETE
B01F 2003/066		DELETE
B01F 3/068		DELETE
B01F 3/08		DELETE
B01F 3/0803		DELETE
B01F 3/0807		DELETE
B01F 3/0811		DELETE
B01F 3/0815		DELETE
B01F 3/0819		DELETE
B01F 2003/0823		DELETE
B01F 2003/0826		DELETE
B01F 2003/083		DELETE
B01F 2003/0834		DELETE
B01F 2003/0838		DELETE
B01F 2003/0842		DELETE
B01F 2003/0846		DELETE
B01F 2003/0849		DELETE
B01F 3/0853		DELETE
B01F 3/0857		DELETE
B01F 3/0861		DELETE
B01F 3/0865		DELETE
B01F 3/0869		DELETE
B01F 3/0873		DELETE
B01F 3/0876		DELETE
B01F 3/088		DELETE
B01F 2003/0884		DELETE
B01F 2003/0888		DELETE
B01F 2003/0892		DELETE
B01F 2003/0896		DELETE
B01F 3/10		DELETE
B01F 2003/105		DELETE
B01F 3/12		DELETE
B01F 3/1207		DELETE
B01F 3/1214		DELETE
B01F 3/1221		DELETE
B01F 3/1228		DELETE
B01F 3/1235		DELETE
B01F 3/1242		DELETE

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CPC	IPC	Action*
B01F 2003/125		DELETE
B01F 2003/1257		DELETE
B01F 2003/1264		DELETE
B01F 3/1271		DELETE
B01F 2003/1278		DELETE
B01F 2003/1285		DELETE
B01F 2003/1292		DELETE
B01F 3/14		DELETE
B01F 3/18		DELETE
B01F 3/182		DELETE
B01F 3/184		DELETE
B01F 3/186		DELETE
B01F 3/188		DELETE
B01F 3/20		DELETE
B01F 3/2007		DELETE
B01F 3/2014		DELETE
B01F 3/2021		DELETE
B01F 3/2028		DELETE
B01F 3/2035		DELETE
B01F 3/2042		DELETE
B01F 3/205		DELETE
B01F 3/2057		DELETE
B01F 3/2064		DELETE
B01F 3/2071		DELETE
B01F 3/2078		DELETE
B01F 3/2085		DELETE
B01F 3/2092		DELETE
B01F 3/22		DELETE
B01F 3/2207		DELETE
B01F 3/2215		DELETE
B01F 3/2223		DELETE
B01F 3/223		DELETE
B01F 3/2238		DELETE
B01F 3/2246		DELETE
B01F 3/2253		DELETE
B01F 3/2261		DELETE
B01F 3/2269		DELETE
B01F 3/2276		DELETE
B01F 3/2284		DELETE
B01F 3/2292		DELETE
B01F 5/00		DELETE
B01F 2005/0002		DELETE
B01F 2005/0005		DELETE
B01F 2005/0008		DELETE
B01F 2005/0011		DELETE

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CPC	IPC	Action*
B01F 2005/0014		DELETE
B01F 2005/0017		DELETE
B01F 2005/002		DELETE
B01F 2005/0022		DELETE
B01F 2005/0025		DELETE
B01F 2005/0028		DELETE
B01F 2005/0031		DELETE
B01F 2005/0034		DELETE
B01F 2005/0037		DELETE
B01F 2005/004		DELETE
B01F 2005/0042		DELETE
B01F 2005/0045		DELETE
B01F 2005/0048		DELETE
B01F 2005/0051		DELETE
B01F 2005/0054		DELETE
B01F 5/0057		DELETE
B01F 5/006		DELETE
B01F 5/0062		DELETE
B01F 5/0065		DELETE
B01F 5/0068		DELETE
B01F 5/0071		DELETE
B01F 5/0074		DELETE
B01F 5/0077		DELETE
B01F 5/008		DELETE
B01F 5/0082		DELETE
B01F 5/0085		DELETE
B01F 2005/0088		DELETE
B01F 2005/0091		DELETE
B01F 2005/0094		DELETE
B01F 2005/0097		DELETE
B01F 5/02		DELETE
B01F 5/0206		DELETE
B01F 5/0212		DELETE
B01F 5/0218		DELETE
B01F 5/0225		DELETE
B01F 5/0231		DELETE
B01F 5/0237		DELETE
B01F 5/0243		DELETE
B01F 5/025		DELETE
B01F 5/0256		DELETE
B01F 5/0262		DELETE
B01F 5/0268		DELETE
B01F 5/0275		DELETE
B01F 5/0281		DELETE
B01F 5/0287		DELETE

CPC	IPC	Action*
B01F 5/0293		DELETE
B01F 5/04		DELETE
B01F 5/0401		DELETE
B01F 5/0403		DELETE
B01F 5/0405		DELETE
B01F 5/0406		DELETE
B01F 5/0408		DELETE
B01F 5/041		DELETE
B01F 5/0411		DELETE
B01F 5/0413		DELETE
B01F 5/0415		DELETE
B01F 5/0416		DELETE
B01F 5/0418		DELETE
B01F 5/042		DELETE
B01F 5/0421		DELETE
B01F 5/0423		DELETE
B01F 5/0425		DELETE
B01F 5/0426		DELETE
B01F 5/0428		DELETE
B01F 5/043		DELETE
B01F 2005/0431		DELETE
B01F 2005/0433		DELETE
B01F 2005/0435		DELETE
B01F 2005/0436		DELETE
B01F 2005/0438		DELETE
B01F 2005/044		DELETE
B01F 2005/0441		DELETE
B01F 2005/0443		DELETE
B01F 2005/0445		DELETE
B01F 2005/0446		DELETE
B01F 2005/0448		DELETE
B01F 5/045		DELETE
B01F 5/0451		DELETE
B01F 5/0453		DELETE
B01F 5/0455		DELETE
B01F 5/0456		DELETE
B01F 5/0458		DELETE
B01F 5/046		DELETE
B01F 5/0461		DELETE
B01F 5/0463		DELETE
B01F 5/0465		DELETE
B01F 5/0466		DELETE
B01F 5/0468		DELETE
B01F 5/047		DELETE
B01F 5/0471		DELETE

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CPC	IPC	Action*
B01F 5/0473		DELETE
B01F 5/0475		DELETE
B01F 5/0476		DELETE
B01F 5/0478		DELETE
B01F 5/048		DELETE
B01F 5/0481		DELETE
B01F 5/0483		DELETE
B01F 5/0485		DELETE
B01F 5/0486		DELETE
B01F 5/0488		DELETE
B01F 5/049		DELETE
B01F 5/0491		DELETE
B01F 5/0493		DELETE
B01F 5/0495		DELETE
B01F 5/0496		DELETE
B01F 5/0498		DELETE
B01F 5/06		DELETE
B01F 5/0601		DELETE
B01F 5/0602		DELETE
B01F 5/0603		DELETE
B01F 5/0604		DELETE
B01F 5/0605		DELETE
B01F 5/0606		DELETE
B01F 5/0607		DELETE
B01F 5/0608		DELETE
B01F 5/0609		DELETE
B01F 5/061		DELETE
B01F 5/0611		DELETE
B01F 5/0612		DELETE
B01F 5/0613		DELETE
B01F 5/0614		DELETE
B01F 5/0615		DELETE
B01F 5/0616		DELETE
B01F 5/0617		DELETE
B01F 5/0618		DELETE
B01F 5/0619		DELETE
B01F 2005/062		DELETE
B01F 2005/0621		DELETE
B01F 2005/0622		DELETE
B01F 2005/0623		DELETE
B01F 2005/0625		DELETE
B01F 2005/0626		DELETE
B01F 2005/0627		DELETE
B01F 2005/0628		DELETE
B01F 2005/0629		DELETE

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CPC	IPC	Action*
B01F 2005/063		DELETE
B01F 2005/0631		DELETE
B01F 2005/0632		DELETE
B01F 2005/0633		DELETE
B01F 2005/0634		DELETE
B01F 2005/0635		DELETE
B01F 2005/0636		DELETE
B01F 2005/0637		DELETE
B01F 2005/0638		DELETE
B01F 2005/0639		DELETE
B01F 5/064		DELETE
B01F 5/0641		DELETE
B01F 5/0642		DELETE
B01F 5/0643		DELETE
B01F 5/0644		DELETE
B01F 5/0645		DELETE
B01F 5/0646		DELETE
B01F 5/0647		DELETE
B01F 5/0648		DELETE
B01F 5/065		DELETE
B01F 5/0651		DELETE
B01F 5/0652		DELETE
B01F 5/0653		DELETE
B01F 5/0654		DELETE
B01F 5/0655		DELETE
B01F 5/0656		DELETE
B01F 5/0657		DELETE
B01F 5/0658		DELETE
B01F 5/0659		DELETE
B01F 5/066		DELETE
B01F 5/0661		DELETE
B01F 5/0662		DELETE
B01F 5/0663		DELETE
B01F 5/0664		DELETE
B01F 5/0665		DELETE
B01F 5/0666		DELETE
B01F 5/0667		DELETE
B01F 5/0668		DELETE
B01F 5/0669		DELETE
B01F 5/067		DELETE
B01F 5/0671		DELETE
B01F 5/0672		DELETE
B01F 5/0673		DELETE
B01F 5/0675		DELETE
B01F 5/0676		DELETE

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CPC	IPC	Action*
B01F 5/0677		DELETE
B01F 5/0678		DELETE
B01F 5/0679		DELETE
B01F 5/068		DELETE
B01F 5/0681		DELETE
B01F 5/0682		DELETE
B01F 5/0683		DELETE
B01F 5/0684		DELETE
B01F 5/0685		DELETE
B01F 5/0687		DELETE
B01F 5/0688		DELETE
B01F 5/0689		DELETE
B01F 5/069		DELETE
B01F 5/0691		DELETE
B01F 5/0692		DELETE
B01F 5/0693		DELETE
B01F 5/0694		DELETE
B01F 5/0695		DELETE
B01F 5/0696		DELETE
B01F 5/0697		DELETE
B01F 5/0698		DELETE
B01F 5/08		DELETE
B01F 5/10		DELETE
B01F 5/102		DELETE
B01F 5/104		DELETE
B01F 5/106		DELETE
B01F 5/108		DELETE
B01F 5/12		DELETE
B01F 5/14		DELETE
B01F 5/145		DELETE
B01F 5/16		DELETE
B01F 5/162		DELETE
B01F 5/165		DELETE
B01F 5/167		DELETE
B01F 5/18		DELETE
B01F 5/20		DELETE
B01F 5/205		DELETE
B01F 5/22		DELETE
B01F 5/221		DELETE
B01F 5/223		DELETE
B01F 5/225		DELETE
B01F 5/226		DELETE
B01F 5/228		DELETE
B01F 5/24		DELETE
B01F 5/241		DELETE

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CPC	IPC	Action*
B01F 5/242		DELETE
B01F 5/243		DELETE
B01F 5/244		DELETE
B01F 5/245		DELETE
B01F 5/246		DELETE
B01F 5/247		DELETE
B01F 5/248		DELETE
B01F 5/26		DELETE
B01F 5/265		DELETE
B01F 7/00		DELETE
B01F 7/00008		DELETE
B01F 7/00016		DELETE
B01F 7/00025		DELETE
B01F 7/00033		DELETE
B01F 7/00041		DELETE
B01F 7/0005		DELETE
B01F 7/00058		DELETE
B01F 7/00066		DELETE
B01F 7/00075		DELETE
B01F 7/00083		DELETE
B01F 7/00091		DELETE
B01F 7/001		DELETE
B01F 7/00108		DELETE
B01F 7/00116		DELETE
B01F 7/00125		DELETE
B01F 7/00133		DELETE
B01F 7/00141		DELETE
B01F 7/0015		DELETE
B01F 7/00158		DELETE
B01F 7/00166		DELETE
B01F 7/00175		DELETE
B01F 7/00183		DELETE
B01F 7/00191		DELETE
B01F 7/002		DELETE
B01F 7/00208		DELETE
B01F 7/00216		DELETE
B01F 7/00225		DELETE
B01F 7/00233		DELETE
B01F 7/00241		DELETE
B01F 7/0025		DELETE
B01F 7/00258		DELETE
B01F 7/00266		DELETE
B01F 7/00275		DELETE
B01F 7/00283		DELETE
B01F 7/00291		DELETE

CPC	IPC	Action*
B01F 7/003		DELETE
B01F 7/00308		DELETE
B01F 7/00316		DELETE
B01F 7/00325		DELETE
B01F 7/00333		DELETE
B01F 7/00341		DELETE
B01F 7/0035		DELETE
B01F 7/00358		DELETE
B01F 7/00366		DELETE
B01F 7/00375		DELETE
B01F 7/00383		DELETE
B01F 7/00391		DELETE
B01F 7/004		DELETE
B01F 7/00408		DELETE
B01F 7/00416		DELETE
B01F 7/00425		DELETE
B01F 7/00433		DELETE
B01F 7/00441		DELETE
B01F 7/0045		DELETE
B01F 7/00458		DELETE
B01F 7/00466		DELETE
B01F 7/00475		DELETE
B01F 7/00483		DELETE
B01F 7/00491		DELETE
B01F 7/005		DELETE
B01F 7/00508		DELETE
B01F 7/00516		DELETE
B01F 7/00525		DELETE
B01F 7/00533		DELETE
B01F 7/00541		DELETE
B01F 7/0055		DELETE
B01F 7/00558		DELETE
B01F 7/00566		DELETE
B01F 7/00575		DELETE
B01F 7/00583		DELETE
B01F 7/00591		DELETE
B01F 7/006		DELETE
B01F 7/00608		DELETE
B01F 7/00616		DELETE
B01F 7/00625		DELETE
B01F 7/00633		DELETE
B01F 7/00641		DELETE
B01F 7/0065		DELETE
B01F 7/00658		DELETE
B01F 7/00666		DELETE

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CPC	IPC	Action*
B01F 7/00675		DELETE
B01F 7/00683		DELETE
B01F 7/00691		DELETE
B01F 7/007		DELETE
B01F 7/00708		DELETE
B01F 7/00716		DELETE
B01F 7/00725		DELETE
B01F 7/00733		DELETE
B01F 7/00741		DELETE
B01F 7/0075		DELETE
B01F 7/00758		DELETE
B01F 7/00766		DELETE
B01F 7/00775		DELETE
B01F 7/00783		DELETE
B01F 7/00791		DELETE
B01F 7/008		DELETE
B01F 7/00808		DELETE
B01F 7/00816		DELETE
B01F 7/00825		DELETE
B01F 7/00833		DELETE
B01F 7/00841		DELETE
B01F 7/0085		DELETE
B01F 7/00858		DELETE
B01F 7/00866		DELETE
B01F 7/00875		DELETE
B01F 7/00883		DELETE
B01F 7/00891		DELETE
B01F 7/009		DELETE
B01F 7/00908		DELETE
B01F 7/00916		DELETE
B01F 7/00925		DELETE
B01F 7/00933		DELETE
B01F 7/00941		DELETE
B01F 7/0095		DELETE
B01F 7/00958		DELETE
B01F 7/00966		DELETE
B01F 7/00975		DELETE
B01F 7/00983		DELETE
B01F 7/00991		DELETE
B01F 7/02		DELETE
B01F 7/021		DELETE
B01F 7/022		DELETE
B01F 7/024		DELETE
B01F 7/025		DELETE
B01F 7/027		DELETE

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CPC	IPC	Action*
B01F 7/028		DELETE
B01F 7/04		DELETE
B01F 7/041		DELETE
B01F 7/042		DELETE
B01F 7/043		DELETE
B01F 7/045		DELETE
B01F 7/046		DELETE
B01F 7/047		DELETE
B01F 7/048		DELETE
B01F 7/06		DELETE
B01F 7/063		DELETE
B01F 7/066		DELETE
B01F 7/08		DELETE
B01F 7/081		DELETE
B01F 7/082		DELETE
B01F 7/083		DELETE
B01F 7/085		DELETE
B01F 7/086		DELETE
B01F 7/087		DELETE
B01F 7/088		DELETE
B01F 7/10		DELETE
B01F 7/105		DELETE
B01F 7/12		DELETE
B01F 7/14		DELETE
B01F 7/145		DELETE
B01F 7/16		DELETE
B01F 7/1605		DELETE
B01F 7/161		DELETE
B01F 7/1615		DELETE
B01F 7/162		DELETE
B01F 7/1625		DELETE
B01F 7/163		DELETE
B01F 7/1635		DELETE
B01F 7/164		DELETE
B01F 7/1645		DELETE
B01F 7/165		DELETE
B01F 7/1655		DELETE
B01F 7/166		DELETE
B01F 7/1665		DELETE
B01F 7/167		DELETE
B01F 7/1675		DELETE
B01F 7/168		DELETE
B01F 7/1685		DELETE
B01F 7/169		DELETE
B01F 7/1695		DELETE

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CPC	IPC	Action*
B01F 7/18		DELETE
B01F 7/183		DELETE
B01F 7/186		DELETE
B01F 7/20		DELETE
B01F 7/22		DELETE
B01F 7/225		DELETE
B01F 7/24		DELETE
B01F 7/241		DELETE
B01F 7/242		DELETE
B01F 7/243		DELETE
B01F 7/244		DELETE
B01F 7/245		DELETE
B01F 7/246		DELETE
B01F 7/247		DELETE
B01F 7/248		DELETE
B01F 7/26		DELETE
B01F 7/28		DELETE
B01F 7/285		DELETE
B01F 7/30		DELETE
B01F 7/302		DELETE
B01F 7/305		DELETE
B01F 7/307		DELETE
B01F 7/32		DELETE
B01F 9/00		DELETE
B01F 9/0001		DELETE
B01F 9/0003		DELETE
B01F 9/0005		DELETE
B01F 9/0007		DELETE
B01F 9/0009		DELETE
B01F 9/001		DELETE
B01F 9/0012		DELETE
B01F 9/0014		DELETE
B01F 9/0016		DELETE
B01F 9/0018		DELETE
B01F 9/002		DELETE
B01F 9/0021		DELETE
B01F 9/0023		DELETE
B01F 9/0025		DELETE
B01F 9/0027		DELETE
B01F 9/0029		DELETE
B01F 9/003		DELETE
B01F 9/0032		DELETE
B01F 9/0034		DELETE
B01F 9/0036		DELETE
B01F 9/0038		DELETE

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CPC	IPC	Action*
B01F 9/004		DELETE
B01F 9/0041		DELETE
B01F 9/0043		DELETE
B01F 9/0045		DELETE
B01F 9/0047		DELETE
B01F 9/0049		DELETE
B01F 9/005		DELETE
B01F 9/0052		DELETE
B01F 9/0054		DELETE
B01F 2009/0056		DELETE
B01F 2009/0058		DELETE
B01F 2009/0059		DELETE
B01F 2009/0061		DELETE
B01F 2009/0063		DELETE
B01F 2009/0065		DELETE
B01F 2009/0067		DELETE
B01F 2009/0069		DELETE
B01F 2009/007		DELETE
B01F 2009/0072		DELETE
B01F 2009/0074		DELETE
B01F 2009/0076		DELETE
B01F 2009/0078		DELETE
B01F 2009/0079		DELETE
B01F 2009/0081		DELETE
B01F 2009/0083		DELETE
B01F 2009/0085		DELETE
B01F 2009/0087		DELETE
B01F 2009/0089		DELETE
B01F 2009/009		DELETE
B01F 2009/0092		DELETE
B01F 2009/0094		DELETE
B01F 2009/0096		DELETE
B01F 2009/0098		DELETE
B01F 9/02		DELETE
B01F 9/025		DELETE
B01F 9/04		DELETE
B01F 9/06		DELETE
B01F 9/08		DELETE
B01F 9/10		DELETE
B01F 9/103		DELETE
B01F 9/106		DELETE
B01F 9/12		DELETE
B01F 9/125		DELETE
B01F 9/14		DELETE
B01F 9/16		DELETE

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CPC	IPC	Action*
B01F 9/18		DELETE
B01F 9/20		DELETE
B01F 9/22		DELETE
B01F 11/00		DELETE
B01F 11/0002		DELETE
B01F 11/0005		DELETE
B01F 11/0008		DELETE
B01F 11/0011		DELETE
B01F 11/0014		DELETE
B01F 11/0017		DELETE
B01F 11/002		DELETE
B01F 11/0022		DELETE
B01F 11/0025		DELETE
B01F 11/0028		DELETE
B01F 11/0031		DELETE
B01F 11/0034		DELETE
B01F 11/0037		DELETE
B01F 11/004		DELETE
B01F 11/0042		DELETE
B01F 11/0045		DELETE
B01F 11/0048		DELETE
B01F 11/0051		DELETE
B01F 11/0054		DELETE
B01F 11/0057		DELETE
B01F 11/006		DELETE
B01F 11/0062		DELETE
B01F 11/0065		DELETE
B01F 11/0068		DELETE
B01F 11/0071		DELETE
B01F 11/0074		DELETE
B01F 11/0077		DELETE
B01F 11/008		DELETE
B01F 11/0082		DELETE
B01F 11/0085		DELETE
B01F 11/0088		DELETE
B01F 11/0091		DELETE
B01F 11/0094		DELETE
B01F 11/0097		DELETE
B01F 11/02		DELETE
B01F 11/0208		DELETE
B01F 11/0216		DELETE
B01F 11/0225		DELETE
B01F 11/0233		DELETE
B01F 11/0241		DELETE
B01F 11/025		DELETE

CPC	IPC	Action*
B01F 11/0258		DELETE
B01F 11/0266		DELETE
B01F 11/0275		DELETE
B01F 11/0283		DELETE
B01F 11/0291		DELETE
B01F 11/04		DELETE
B01F 13/00		DELETE
B01F 13/0001		DELETE
B01F 13/0003		DELETE
B01F 13/0005		DELETE
B01F 13/0006		DELETE
B01F 13/0008		DELETE
B01F 13/001		DELETE
B01F 13/0011		DELETE
B01F 13/0013		DELETE
B01F 13/0015		DELETE
B01F 13/0016		DELETE
B01F 13/0018		DELETE
B01F 13/002		DELETE
B01F 13/0022		DELETE
B01F 13/0023		DELETE
B01F 13/0025		DELETE
B01F 13/0027		DELETE
B01F 13/0028		DELETE
B01F 13/003		DELETE
B01F 13/0032		DELETE
B01F 13/0033		DELETE
B01F 13/0035		DELETE
B01F 13/0037		DELETE
B01F 13/0038		DELETE
B01F 13/004		DELETE
B01F 13/0042		DELETE
B01F 13/0044		DELETE
B01F 13/0045		DELETE
B01F 13/0047		DELETE
B01F 13/0049		DELETE
B01F 13/005		DELETE
B01F 13/0052		DELETE
B01F 13/0054		DELETE
B01F 13/0055		DELETE
B01F 13/0057		DELETE
B01F 13/0059		DELETE
B01F 13/0061		DELETE
B01F 13/0062		DELETE
B01F 13/0064		DELETE

CPC	IPC	Action*
B01F 13/0066		DELETE
B01F 13/0067		DELETE
B01F 13/0069		DELETE
B01F 13/0071		DELETE
B01F 13/0072		DELETE
B01F 13/0074		DELETE
B01F 13/0076		DELETE
B01F 13/0077		DELETE
B01F 13/0079		DELETE
B01F 13/0081		DELETE
B01F 13/0083		DELETE
B01F 13/0084		DELETE
B01F 13/0086		DELETE
B01F 13/0088		DELETE
B01F 13/0089		DELETE
B01F 13/0091		DELETE
B01F 13/0093		DELETE
B01F 13/0094		DELETE
B01F 13/0096		DELETE
B01F 13/0098		DELETE
B01F 13/02		DELETE
B01F 13/0205		DELETE
B01F 13/0211		DELETE
B01F 13/0216		DELETE
B01F 13/0222		DELETE
B01F 13/0227		DELETE
B01F 13/0233		DELETE
B01F 13/0238		DELETE
B01F 13/0244		DELETE
B01F 13/025		DELETE
B01F 13/0255		DELETE
B01F 13/0261		DELETE
B01F 13/0266		DELETE
B01F 13/0272		DELETE
B01F 13/0277		DELETE
B01F 13/0283		DELETE
B01F 13/0288		DELETE
B01F 13/0294		DELETE
B01F 13/04		DELETE
B01F 13/042		DELETE
B01F 13/045		DELETE
B01F 13/047		DELETE
B01F 13/06		DELETE
B01F 13/065		DELETE
B01F 13/08		DELETE

CPC	IPC	Action*
B01F 13/0809		DELETE
B01F 13/0818		DELETE
B01F 13/0827		DELETE
B01F 13/0836		DELETE
B01F 13/0845		DELETE
B01F 13/0854		DELETE
B01F 13/0863		DELETE
B01F 13/0872		DELETE
B01F 13/0881		DELETE
B01F 13/089		DELETE
B01F 13/10		DELETE
B01F 13/1002		DELETE
B01F 13/1005		DELETE
B01F 13/1008		DELETE
B01F 13/1011		DELETE
B01F 13/1013		DELETE
B01F 13/1016		DELETE
B01F 13/1019		DELETE
B01F 13/1022		DELETE
B01F 13/1025		DELETE
B01F 13/1027		DELETE
B01F 13/103		DELETE
B01F 13/1033		DELETE
B01F 13/1036		DELETE
B01F 13/1038		DELETE
B01F 13/1041		DELETE
B01F 13/1044		DELETE
B01F 13/1047		DELETE
B01F 13/105		DELETE
B01F 2013/1052		DELETE
B01F 13/1055		DELETE
B01F 13/1058		DELETE
B01F 13/1061		DELETE
B01F 13/1063		DELETE
B01F 13/1066		DELETE
B01F 13/1069		DELETE
B01F 13/1072		DELETE
B01F 2013/1075		DELETE
B01F 2013/1077		DELETE
B01F 2013/108		DELETE
B01F 2013/1083		DELETE
B01F 2013/1086		DELETE
B01F 2013/1088		DELETE
B01F 2013/1091		DELETE
B01F 2013/1094		DELETE

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CPC	IPC	Action*
B01F 2013/1097		DELETE
B01F 15/00		DELETE
B01F 15/00006		DELETE
B01F 15/00012		DELETE
B01F 15/00019		DELETE
B01F 15/00025		DELETE
B01F 15/00032		DELETE
B01F 15/00038		DELETE
B01F 15/00045		DELETE
B01F 15/00051		DELETE
B01F 15/00058		DELETE
B01F 15/00064		DELETE
B01F 15/00071		DELETE
B01F 2015/00077		DELETE
B01F 2015/00084		DELETE
B01F 2015/0009		DELETE
B01F 2015/00097		DELETE
B01F 2015/00103		DELETE
B01F 2015/0011		DELETE
B01F 2015/00116		DELETE
B01F 15/00123		DELETE
B01F 15/00129		DELETE
B01F 15/00136		DELETE
B01F 15/00142		DELETE
B01F 15/00149		DELETE
B01F 15/00155		DELETE
B01F 15/00162		DELETE
B01F 15/00168		DELETE
B01F 15/00175		DELETE
B01F 15/00181		DELETE
B01F 15/00188		DELETE
B01F 15/00194		DELETE
B01F 15/00201		DELETE
B01F 15/00207		DELETE
B01F 15/00214		DELETE
B01F 15/0022		DELETE
B01F 15/00227		DELETE
B01F 15/00233		DELETE
B01F 15/0024		DELETE
B01F 15/00246		DELETE
B01F 15/00253		DELETE
B01F 15/00259		DELETE
B01F 15/00266		DELETE
B01F 15/00272		DELETE
B01F 15/00279		DELETE

CPC	IPC	Action*
B01F 15/00285		DELETE
B01F 15/00292		DELETE
B01F 15/00298		DELETE
B01F 15/00305		DELETE
B01F 15/00311		DELETE
B01F 15/00318		DELETE
B01F 15/00324		DELETE
B01F 15/00331		DELETE
B01F 15/00337		DELETE
B01F 15/00344		DELETE
B01F 15/0035		DELETE
B01F 15/00357		DELETE
B01F 15/00363		DELETE
B01F 15/0037		DELETE
B01F 15/00376		DELETE
B01F 15/00383		DELETE
B01F 15/00389		DELETE
B01F 15/00396		DELETE
B01F 15/00402		DELETE
B01F 15/00409		DELETE
B01F 15/00415		DELETE
B01F 15/00422		DELETE
B01F 15/00428		DELETE
B01F 15/00435		DELETE
B01F 15/00441		DELETE
B01F 15/00448		DELETE
B01F 15/00454		DELETE
B01F 15/00461		DELETE
B01F 15/00467		DELETE
B01F 15/00474		DELETE
B01F 15/0048		DELETE
B01F 15/00487		DELETE
B01F 15/00493		DELETE
B01F 15/005		DELETE
B01F 15/00506		DELETE
B01F 15/00512		DELETE
B01F 15/00519		DELETE
B01F 15/00525		DELETE
B01F 15/00532		DELETE
B01F 15/00538		DELETE
B01F 15/00545		DELETE
B01F 15/00551		DELETE
B01F 15/00558		DELETE
B01F 15/00564		DELETE
B01F 15/00571		DELETE

CPC	IPC	Action*
B01F 2015/00577		DELETE
B01F 2015/00584		DELETE
B01F 2015/0059		DELETE
B01F 2015/00597		DELETE
B01F 2015/00603		DELETE
B01F 2015/0061		DELETE
B01F 2015/00616		DELETE
B01F 2015/00623		DELETE
B01F 2015/00629		DELETE
B01F 2015/00636		DELETE
B01F 2015/00642		DELETE
B01F 2015/00649		DELETE
B01F 2015/00655		DELETE
B01F 15/00662		DELETE
B01F 15/00668		DELETE
B01F 15/00675		DELETE
B01F 15/00681		DELETE
B01F 15/00688		DELETE
B01F 15/00694		DELETE
B01F 15/00701		DELETE
B01F 15/00707		DELETE
B01F 15/00714		DELETE
B01F 15/0072		DELETE
B01F 15/00727		DELETE
B01F 15/00733		DELETE
B01F 15/0074		DELETE
B01F 15/00746		DELETE
B01F 15/00753		DELETE
B01F 2015/00759		DELETE
B01F 15/00766		DELETE
B01F 15/00772		DELETE
B01F 15/00779		DELETE
B01F 15/00785		DELETE
B01F 15/00792		DELETE
B01F 15/00798		DELETE
B01F 15/00805		DELETE
B01F 15/00811		DELETE
B01F 15/00818		DELETE
B01F 15/00824		DELETE
B01F 15/00831		DELETE
B01F 15/00837		DELETE
B01F 15/00844		DELETE
B01F 15/0085		DELETE
B01F 15/00857		DELETE
B01F 15/00863		DELETE

CPC	IPC	Action*
B01F 15/0087		DELETE
B01F 15/00876		DELETE
B01F 15/00883		DELETE
B01F 15/00889		DELETE
B01F 15/00896		DELETE
B01F 15/00902		DELETE
B01F 15/00909		DELETE
B01F 15/00915		DELETE
B01F 15/00922		DELETE
B01F 15/00928		DELETE
B01F 15/00935		DELETE
B01F 15/00941		DELETE
B01F 15/00948		DELETE
B01F 15/00954		DELETE
B01F 15/00961		DELETE
B01F 15/00967		DELETE
B01F 15/00974		DELETE
B01F 15/0098		DELETE
B01F 15/00987		DELETE
B01F 15/00993		DELETE
B01F 15/02		DELETE
B01F 15/0201		DELETE
B01F 15/0202		DELETE
B01F 15/0203		DELETE
B01F 2015/0204		DELETE
B01F 15/0205		DELETE
B01F 15/0206		DELETE
B01F 15/0207		DELETE
B01F 15/0208		DELETE
B01F 15/0209		DELETE
B01F 15/021		DELETE
B01F 15/0211		DELETE
B01F 15/0212		DELETE
B01F 15/0213		DELETE
B01F 15/0215		DELETE
B01F 15/0216		DELETE
B01F 15/0217		DELETE
B01F 15/0218		DELETE
B01F 15/0219		DELETE
B01F 15/022		DELETE
B01F 2015/0221		DELETE
B01F 15/0222		DELETE
B01F 15/0223		DELETE
B01F 15/0224		DELETE
B01F 15/0225		DELETE

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CPC	IPC	Action*
B01F 15/0226		DELETE
B01F 15/0227		DELETE
B01F 15/0229		DELETE
B01F 15/023		DELETE
B01F 15/0231		DELETE
B01F 15/0232		DELETE
B01F 15/0233		DELETE
B01F 15/0234		DELETE
B01F 15/0235		DELETE
B01F 15/0236		DELETE
B01F 15/0237		DELETE
B01F 15/0238		DELETE
B01F 15/0239		DELETE
B01F 15/024		DELETE
B01F 15/0241		DELETE
B01F 15/0243		DELETE
B01F 15/0244		DELETE
B01F 15/0245		DELETE
B01F 15/0246		DELETE
B01F 15/0247		DELETE
B01F 15/0248		DELETE
B01F 15/0249		DELETE
B01F 15/025		DELETE
B01F 15/0251		DELETE
B01F 15/0252		DELETE
B01F 15/0253		DELETE
B01F 15/0254		DELETE
B01F 15/0255		DELETE
B01F 15/0256		DELETE
B01F 15/0258		DELETE
B01F 15/0259		DELETE
B01F 15/026		DELETE
B01F 15/0261		DELETE
B01F 15/0262		DELETE
B01F 15/0263		DELETE
B01F 15/0264		DELETE
B01F 15/0265		DELETE
B01F 15/0266		DELETE
B01F 15/0267		DELETE
B01F 15/0268		DELETE
B01F 2015/0269		DELETE
B01F 15/027		DELETE
B01F 15/0272		DELETE
B01F 2015/0273		DELETE
B01F 15/0274		DELETE

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CPC	IPC	Action*
B01F 15/0275		DELETE
B01F 15/0276		DELETE
B01F 15/0277		DELETE
B01F 15/0278		DELETE
B01F 15/0279		DELETE
B01F 15/028		DELETE
B01F 15/0281		DELETE
B01F 15/0282		DELETE
B01F 15/0283		DELETE
B01F 15/0284		DELETE
B01F 15/0286		DELETE
B01F 15/0287		DELETE
B01F 15/0288		DELETE
B01F 15/0289		DELETE
B01F 15/029		DELETE
B01F 15/0291		DELETE
B01F 15/0292		DELETE
B01F 15/0293		DELETE
B01F 15/0294		DELETE
B01F 15/0295		DELETE
B01F 15/0296		DELETE
B01F 15/0297		DELETE
B01F 15/0298		DELETE
B01F 15/04		DELETE
B01F 15/0404		DELETE
B01F 15/0408		DELETE
B01F 15/0412		DELETE
B01F 15/0416		DELETE
B01F 15/042		DELETE
B01F 15/0425		DELETE
B01F 15/0429		DELETE
B01F 15/0433		DELETE
B01F 15/0437		DELETE
B01F 15/0441		DELETE
B01F 15/0445		DELETE
B01F 15/045		DELETE
B01F 15/0454		DELETE
B01F 15/0458		DELETE
B01F 15/0462		DELETE
B01F 15/0466		DELETE
B01F 15/047		DELETE
B01F 15/0475		DELETE
B01F 15/0479		DELETE
B01F 15/0483		DELETE
B01F 15/0487		DELETE

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CPC	IPC	Action*
B01F 15/0491		DELETE
B01F 15/0495		DELETE
B01F 15/06		DELETE
B01F 2015/061		DELETE
B01F 2015/062		DELETE
B01F 15/063		DELETE
B01F 15/065		DELETE
B01F 15/066		DELETE
B01F 15/067		DELETE
B01F 15/068		DELETE
B01F 17/00		DELETE
B01F 17/0007		DELETE
B01F 17/0014		DELETE
B01F 17/0021		DELETE
B01F 17/0028		DELETE
B01F 17/0035		DELETE
B01F 17/0042		DELETE
B01F 17/005		DELETE
B01F 17/0057		DELETE
B01F 17/0064		DELETE
B01F 17/0071		DELETE
B01F 17/0078		DELETE
B01F 17/0085		DELETE
B01F 17/0092		DELETE
B01F 21/00	B01F 21/00	NEW
B01F 21/02	B01F 21/00	NEW
B01F 21/10	B01F 21/10	NEW
B01F 21/15	B01F 21/00	NEW
B01F 21/20	B01F 21/20	NEW
B01F 21/22	B01F 21/20	NEW
B01F 21/221	B01F 21/20	NEW
B01F 21/30	B01F 21/00	NEW
B01F 21/40	B01F 21/00	NEW
B01F 21/401	B01F 21/00	NEW
B01F 21/402	B01F 21/00	NEW
B01F 21/4021	B01F 21/00	NEW
B01F 21/403	B01F 21/00	NEW
B01F 21/50	B01F 21/00	NEW
B01F 21/501	B01F 21/00	NEW
B01F 21/502	B01F 21/00	NEW
B01F 21/503	B01F 21/00	NEW
B01F 21/504	B01F 21/00	NEW
B01F 23/00	B01F 23/00	NEW
B01F 23/02	B01F 23/00	NEW
B01F 23/021	B01F 23/00	NEW

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CPC	IPC	Action*
B01F 23/022	B01F 23/00	NEW
B01F 23/023	B01F 23/00	NEW
B01F 23/024	B01F 23/00	NEW
B01F 23/04	B01F 23/00	NEW
B01F 23/041	B01F 23/00	NEW
B01F 23/042	B01F 23/00	NEW
B01F 23/043	B01F 23/00	NEW
B01F 23/06	B01F 23/00	NEW
B01F 23/061	B01F 23/00	NEW
B01F 23/062	B01F 23/00	NEW
B01F 23/09	B01F 23/00	NEW
B01F 23/10	B01F 23/10	NEW
B01F 23/12	B01F 23/10	NEW
B01F 23/14	B01F 23/10	NEW
B01F 23/19	B01F 23/10	NEW
B01F 23/191	B01F 23/10	NEW
B01F 23/20	B01F 23/20	NEW
B01F 23/21	B01F 23/21	NEW
B01F 23/211	B01F 23/21	NEW
B01F 23/213	B01F 23/213	NEW
B01F 23/2131	B01F 23/213	NEW
B01F 23/21311	B01F 23/213	NEW
B01F 23/21312	B01F 23/213	NEW
B01F 23/2132	B01F 23/213	NEW
B01F 23/21321	B01F 23/213	NEW
B01F 23/21322	B01F 23/213	NEW
B01F 23/2133	B01F 23/213	NEW
B01F 23/214	B01F 23/21	NEW
B01F 23/215	B01F 23/21	NEW
B01F 23/216	B01F 23/21	NEW
B01F 23/23	B01F 23/23	NEW
B01F 23/231	B01F 23/231	NEW
B01F 23/23105	B01F 23/231	NEW
B01F 23/2311	B01F 23/231	NEW
B01F 23/23112	B01F 23/231	NEW
B01F 23/231121	B01F 23/231	NEW
B01F 23/231122	B01F 23/231	NEW
B01F 23/23113	B01F 23/231	NEW
B01F 23/23114	B01F 23/231	NEW
B01F 23/231141	B01F 23/231	NEW
B01F 23/231142	B01F 23/231	NEW
B01F 23/231143	B01F 23/231	NEW
B01F 23/23115	B01F 23/231	NEW
B01F 23/231151	B01F 23/231	NEW
B01F 23/231152	B01F 23/231	NEW

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CPC	IPC	Action*
B01F 23/231153	B01F 23/231	NEW
B01F 23/231154	B01F 23/231	NEW
B01F 23/231155	B01F 23/231	NEW
B01F 23/231156	B01F 23/231	NEW
B01F 23/23116	B01F 23/231	NEW
B01F 23/2312	B01F 23/231	NEW
B01F 23/23121	B01F 23/231	NEW
B01F 23/23122	B01F 23/231	NEW
B01F 23/23123	B01F 23/231	NEW
B01F 23/231231	B01F 23/231	NEW
B01F 23/231232	B01F 23/231	NEW
B01F 23/231233	B01F 23/231	NEW
B01F 23/23124	B01F 23/231	NEW
B01F 23/231241	B01F 23/231	NEW
B01F 23/231242	B01F 23/231	NEW
B01F 23/231243	B01F 23/231	NEW
B01F 23/231244	B01F 23/231	NEW
B01F 23/231245	B01F 23/231	NEW
B01F 23/23125	B01F 23/231	NEW
B01F 23/23126	B01F 23/231	NEW
B01F 23/231261	B01F 23/231	NEW
B01F 23/231262	B01F 23/231	NEW
B01F 23/231263	B01F 23/231	NEW
B01F 23/231264	B01F 23/231	NEW
B01F 23/231265	B01F 23/231	NEW
B01F 23/231266	B01F 23/231	NEW
B01F 23/231267	B01F 23/231	NEW
B01F 23/231268	B01F 23/231	NEW
B01F 23/231269	B01F 23/231	NEW
B01F 23/23127	B01F 23/231	NEW
B01F 23/23128	B01F 23/231	NEW
B01F 23/231281	B01F 23/231	NEW
B01F 23/231282	B01F 23/231	NEW
B01F 23/231283	B01F 23/231	NEW
B01F 23/2319	B01F 23/23	NEW
B01F 23/232	B01F 23/232	NEW
B01F 23/2321	B01F 23/232	NEW
B01F 23/23211	B01F 23/232	NEW
B01F 23/232111	B01F 23/232	NEW
B01F 23/232112	B01F 23/232	NEW
B01F 23/2322	B01F 23/232	NEW
B01F 23/2323	B01F 23/232	NEW
B01F 23/23231	B01F 23/232	NEW
B01F 23/232311	B01F 23/232	NEW
B01F 23/232312	B01F 23/232	NEW

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CPC	IPC	Action*
B01F 23/2326	B01F 23/2326	NEW
B01F 23/233	B01F 23/233	NEW
B01F 23/2331	B01F 23/233	NEW
B01F 23/23311	B01F 23/233	NEW
B01F 23/23312	B01F 23/233	NEW
B01F 23/23313	B01F 23/233	NEW
B01F 23/23314	B01F 23/233	NEW
B01F 23/23315	B01F 23/233	NEW
B01F 23/23316	B01F 23/233	NEW
B01F 23/2332	B01F 23/233	NEW
B01F 23/2333	B01F 23/233	NEW
B01F 23/2334	B01F 23/233	NEW
B01F 23/23341	B01F 23/233	NEW
B01F 23/23342	B01F 23/233	NEW
B01F 23/2335	B01F 23/233	NEW
B01F 23/23351	B01F 23/233	NEW
B01F 23/23352	B01F 23/233	NEW
B01F 23/23353	B01F 23/233	NEW
B01F 23/23354	B01F 23/233	NEW
B01F 23/2336	B01F 23/233	NEW
B01F 23/23361	B01F 23/233	NEW
B01F 23/23362	B01F 23/233	NEW
B01F 23/23363	B01F 23/233	NEW
B01F 23/23364	B01F 23/233	NEW
B01F 23/233641	B01F 23/233	NEW
B01F 23/233642	B01F 23/233	NEW
B01F 23/23365	B01F 23/233	NEW
B01F 23/23366	B01F 23/233	NEW
B01F 23/23367	B01F 23/233	NEW
B01F 23/234	B01F 23/234	NEW
B01F 23/2341	B01F 23/234	NEW
B01F 23/23411	B01F 23/234	NEW
B01F 23/23412	B01F 23/234	NEW
B01F 23/23413	B01F 23/234	NEW
B01F 23/2342	B01F 23/234	NEW
B01F 23/23421	B01F 23/234	NEW
B01F 23/234211	B01F 23/234	NEW
B01F 23/235	B01F 23/235	NEW
B01F 23/2351	B01F 23/235	NEW
B01F 23/236	B01F 23/236	NEW
B01F 23/2361	B01F 23/2361	NEW
B01F 23/23611	B01F 23/2361	NEW
B01F 23/2362	B01F 23/236	NEW
B01F 23/2363	B01F 23/236	NEW
B01F 23/2364	B01F 23/236	NEW

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CPC	IPC	Action*
B01F 23/2366	B01F 23/23	NEW
B01F 23/2368	B01F 23/23	NEW
B01F 23/237	B01F 23/237	NEW
B01F 23/2373	B01F 23/2373	NEW
B01F 23/2375	B01F 23/2375	NEW
B01F 23/2376	B01F 23/237	NEW
B01F 23/23761	B01F 23/237	NEW
B01F 23/237611	B01F 23/237	NEW
B01F 23/237612	B01F 23/237	NEW
B01F 23/237613	B01F 23/237	NEW
B01F 23/23762	B01F 23/237	NEW
B01F 23/237621	B01F 23/237	NEW
B01F 23/23763	B01F 23/237	NEW
B01F 23/23764	B01F 23/237	NEW
B01F 23/23765	B01F 23/237	NEW
B01F 23/23766	B01F 23/237	NEW
B01F 23/23767	B01F 23/237	NEW
B01F 23/238	B01F 23/23	NEW
B01F 23/29	B01F 23/20	NEW
B01F 23/291	B01F 23/20	NEW
B01F 23/30	B01F 23/30	NEW
B01F 23/32	B01F 23/30	NEW
B01F 23/34	B01F 23/30	NEW
B01F 23/341	B01F 23/30	NEW
B01F 23/36	B01F 23/30	NEW
B01F 23/39	B01F 23/30	NEW
B01F 23/40	B01F 23/40	NEW
B01F 23/405	B01F 23/40	NEW
B01F 23/41	B01F 23/41	NEW
B01F 23/4105	B01F 23/41	NEW
B01F 23/411	B01F 23/411	NEW
B01F 23/4111	B01F 23/411	NEW
B01F 23/413	B01F 23/41	NEW
B01F 23/414	B01F 23/41	NEW
B01F 23/4141	B01F 23/41	NEW
B01F 23/4142	B01F 23/41	NEW
B01F 23/4143	B01F 23/41	NEW
B01F 23/4144	B01F 23/41	NEW
B01F 23/4145	B01F 23/41	NEW
B01F 23/4146	B01F 23/41	NEW
B01F 23/43	B01F 23/43	NEW
B01F 23/431	B01F 23/43	NEW
B01F 23/45	B01F 23/45	NEW
B01F 23/451	B01F 23/451	NEW
B01F 23/452	B01F 23/45	NEW

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CPC	IPC	Action*
B01F 23/453	B01F 23/45	NEW
B01F 23/454	B01F 23/454	NEW
B01F 23/47	B01F 23/47	NEW
B01F 23/471	B01F 23/47	NEW
B01F 23/48	B01F 23/40	NEW
B01F 23/481	B01F 23/40	NEW
B01F 23/482	B01F 23/40	NEW
B01F 23/483	B01F 23/40	NEW
B01F 23/49	B01F 23/40	NEW
B01F 23/50	B01F 23/50	NEW
B01F 23/51	B01F 23/50	NEW
B01F 23/511	B01F 23/50	NEW
B01F 23/53	B01F 23/53	NEW
B01F 23/54	B01F 23/50	NEW
B01F 23/55	B01F 23/50	NEW
B01F 23/551	B01F 23/50	NEW
B01F 23/56	B01F 23/50	NEW
B01F 23/565	B01F 23/50	NEW
B01F 23/566	B01F 23/50	NEW
B01F 23/57	B01F 23/57	NEW
B01F 23/58	B01F 23/50	NEW
B01F 23/581	B01F 23/50	NEW
B01F 23/582	B01F 23/50	NEW
B01F 23/59	B01F 23/50	NEW
B01F 23/60	B01F 23/60	NEW
B01F 23/62	B01F 23/62	NEW
B01F 23/64	B01F 23/64	NEW
B01F 23/66	B01F 23/60	NEW
B01F 23/69	B01F 23/60	NEW
B01F 23/70	B01F 23/70	NEW
B01F 23/701	B01F 23/70	NEW
B01F 23/702	B01F 23/70	NEW
B01F 23/703	B01F 23/70	NEW
B01F 23/704	B01F 23/70	NEW
B01F 23/705	B01F 23/70	NEW
B01F 23/706	B01F 23/70	NEW
B01F 23/707	B01F 23/70	NEW
B01F 23/708	B01F 23/70	NEW
B01F 23/709	B01F 23/70	NEW
B01F 23/71	B01F 23/70	NEW
B01F 23/711	B01F 23/70	NEW
B01F 23/712	B01F 23/70	NEW
B01F 23/713	B01F 23/70	NEW
B01F 23/80	B01F 23/80	NEW
B01F 23/801	B01F 23/80	NEW

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CPC	IPC	Action*
B01F 23/802	B01F 23/80	NEW
B01F 23/803	B01F 23/80	NEW
B01F 23/804	B01F 23/80	NEW
B01F 23/805	B01F 23/80	NEW
B01F 23/806	B01F 23/80	NEW
B01F 23/807	B01F 23/80	NEW
B01F 23/808	B01F 23/80	NEW
B01F 23/809	B01F 23/80	NEW
B01F 23/81	B01F 23/80	NEW
B01F 23/811	B01F 23/80	NEW
B01F 23/812	B01F 23/80	NEW
B01F 25/00	B01F 25/00	NEW
B01F 25/10	B01F 25/10	NEW
B01F 25/101	B01F 25/10	NEW
B01F 25/102	B01F 25/10	NEW
B01F 25/103	B01F 25/10	NEW
B01F 25/104	B01F 25/10	NEW
B01F 25/1041	B01F 25/10	NEW
B01F 25/1042	B01F 25/10	NEW
B01F 25/105	B01F 25/00	NEW
B01F 25/1051	B01F 25/00	NEW
B01F 25/12	B01F 25/00	NEW
B01F 25/14	B01F 25/00	NEW
B01F 25/20	B01F 25/20	NEW
B01F 25/21	B01F 25/21	NEW
B01F 25/211	B01F 25/21	NEW
B01F 25/212	B01F 25/21	NEW
B01F 25/2121	B01F 25/21	NEW
B01F 25/2122	B01F 25/21	NEW
B01F 25/2123	B01F 25/21	NEW
B01F 25/2124	B01F 25/21	NEW
B01F 25/2125	B01F 25/21	NEW
B01F 25/23	B01F 25/23	NEW
B01F 25/231	B01F 25/23	NEW
B01F 25/25	B01F 25/25	NEW
B01F 25/27	B01F 25/27	NEW
B01F 25/28	B01F 25/20	NEW
B01F 25/281	B01F 25/20	NEW
B01F 25/282	B01F 25/20	NEW
B01F 25/30	B01F 25/30	NEW
B01F 25/305	B01F 25/30	NEW
B01F 25/31	B01F 25/31	NEW
B01F 25/311	B01F 25/31	NEW
B01F 25/3111	B01F 25/31	NEW
B01F 25/31112	B01F 25/31	NEW

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CPC	IPC	Action*
B01F 25/31113	B01F 25/31	NEW
B01F 25/31114	B01F 25/31	NEW
B01F 25/312	B01F 25/312	NEW
B01F 25/3121	B01F 25/312	NEW
B01F 25/3122	B01F 25/312	NEW
B01F 25/3123	B01F 25/312	NEW
B01F 25/31231	B01F 25/312	NEW
B01F 25/31232	B01F 25/312	NEW
B01F 25/31233	B01F 25/312	NEW
B01F 25/3124	B01F 25/312	NEW
B01F 25/31241	B01F 25/312	NEW
B01F 25/31242	B01F 25/312	NEW
B01F 25/31243	B01F 25/312	NEW
B01F 25/3125	B01F 25/312	NEW
B01F 25/31251	B01F 25/312	NEW
B01F 25/312511	B01F 25/312	NEW
B01F 25/312512	B01F 25/312	NEW
B01F 25/31252	B01F 25/312	NEW
B01F 25/312521	B01F 25/312	NEW
B01F 25/312522	B01F 25/312	NEW
B01F 25/31253	B01F 25/312	NEW
B01F 25/312531	B01F 25/312	NEW
B01F 25/312532	B01F 25/312	NEW
B01F 25/312533	B01F 25/312	NEW
B01F 25/313	B01F 25/313	NEW
B01F 25/3131	B01F 25/313	NEW
B01F 25/3132	B01F 25/313	NEW
B01F 25/31321	B01F 25/313	NEW
B01F 25/31322	B01F 25/313	NEW
B01F 25/31323	B01F 25/313	NEW
B01F 25/31324	B01F 25/313	NEW
B01F 25/3133	B01F 25/313	NEW
B01F 25/31331	B01F 25/313	NEW
B01F 25/313311	B01F 25/313	NEW
B01F 25/31332	B01F 25/313	NEW
B01F 25/31333	B01F 25/313	NEW
B01F 25/31334	B01F 25/313	NEW
B01F 25/314	B01F 25/314	NEW
B01F 25/3141	B01F 25/314	NEW
B01F 25/3142	B01F 25/314	NEW
B01F 25/31421	B01F 25/314	NEW
B01F 25/31422	B01F 25/314	NEW
B01F 25/31423	B01F 25/314	NEW
B01F 25/314231	B01F 25/314	NEW
B01F 25/31424	B01F 25/314	NEW

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CPC	IPC	Action*
B01F 25/31425	B01F 25/314	NEW
B01F 25/3143	B01F 25/314	NEW
B01F 25/31431	B01F 25/314	NEW
B01F 25/31432	B01F 25/314	NEW
B01F 25/31433	B01F 25/314	NEW
B01F 25/31434	B01F 25/314	NEW
B01F 25/315	B01F 25/315	NEW
B01F 25/316	B01F 25/316	NEW
B01F 25/32	B01F 25/32	NEW
B01F 25/40	B01F 25/40	NEW
B01F 25/41	B01F 25/41	NEW
B01F 25/42	B01F 25/42	NEW
B01F 25/421	B01F 25/421	NEW
B01F 25/422	B01F 25/422	NEW
B01F 25/423	B01F 25/421	NEW
B01F 25/4231	B01F 25/421	NEW
B01F 25/4232	B01F 25/421	NEW
B01F 25/4233	B01F 25/421	NEW
B01F 25/43	B01F 25/43	NEW
B01F 25/431	B01F 25/431	NEW
B01F 25/4311	B01F 25/431	NEW
B01F 25/4312	B01F 25/431	NEW
B01F 25/4313	B01F 25/431	NEW
B01F 25/4314	B01F 25/4314	NEW
B01F 25/43141	B01F 25/4314	NEW
B01F 25/4315	B01F 25/431	NEW
B01F 25/43151	B01F 25/431	NEW
B01F 25/4316	B01F 25/431	NEW
B01F 25/43161	B01F 25/431	NEW
B01F 25/43162	B01F 25/431	NEW
B01F 25/43163	B01F 25/431	NEW
B01F 25/4317	B01F 25/431	NEW
B01F 25/43171	B01F 25/431	NEW
B01F 25/43172	B01F 25/431	NEW
B01F 25/4318	B01F 25/431	NEW
B01F 25/4319	B01F 25/431	NEW
B01F 25/43195	B01F 25/431	NEW
B01F 25/431951	B01F 25/431	NEW
B01F 25/431952	B01F 25/431	NEW
B01F 25/43197	B01F 25/431	NEW
B01F 25/431971	B01F 25/431	NEW
B01F 25/431972	B01F 25/431	NEW
B01F 25/431973	B01F 25/431	NEW
B01F 25/431974	B01F 25/431	NEW
B01F 25/432	B01F 25/432	NEW

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CPC	IPC	Action*
B01F 25/4321	B01F 25/432	NEW
B01F 25/43211	B01F 25/432	NEW
B01F 25/4322	B01F 25/432	NEW
B01F 25/4323	B01F 25/432	NEW
B01F 25/43231	B01F 25/432	NEW
B01F 25/433	B01F 25/433	NEW
B01F 25/4331	B01F 25/433	NEW
B01F 25/4332	B01F 25/433	NEW
B01F 25/4333	B01F 25/433	NEW
B01F 25/4334	B01F 25/433	NEW
B01F 25/4335	B01F 25/433	NEW
B01F 25/4336	B01F 25/433	NEW
B01F 25/4337	B01F 25/433	NEW
B01F 25/4338	B01F 25/433	NEW
B01F 25/434	B01F 25/434	NEW
B01F 25/4341	B01F 25/434	NEW
B01F 25/4342	B01F 25/434	NEW
B01F 25/435	B01F 25/435	NEW
B01F 25/438	B01F 25/40	NEW
B01F 25/44	B01F 25/44	NEW
B01F 25/441	B01F 25/441	NEW
B01F 25/4412	B01F 25/441	NEW
B01F 25/44121	B01F 25/441	NEW
B01F 25/4413	B01F 25/441	NEW
B01F 25/4414	B01F 25/441	NEW
B01F 25/4415	B01F 25/441	NEW
B01F 25/4416	B01F 25/441	NEW
B01F 25/44161	B01F 25/441	NEW
B01F 25/44162	B01F 25/441	NEW
B01F 25/44163	B01F 25/441	NEW
B01F 25/44164	B01F 25/441	NEW
B01F 25/44165	B01F 25/441	NEW
B01F 25/44166	B01F 25/441	NEW
B01F 25/44167	B01F 25/441	NEW
B01F 25/44168	B01F 25/441	NEW
B01F 25/442	B01F 25/442	NEW
B01F 25/4421	B01F 25/442	NEW
B01F 25/4422	B01F 25/442	NEW
B01F 25/4423	B01F 25/442	NEW
B01F 25/45	B01F 25/45	NEW
B01F 25/451	B01F 25/451	NEW
B01F 25/4511	B01F 25/451	NEW
B01F 25/4512	B01F 25/451	NEW
B01F 25/452	B01F 25/452	NEW
B01F 25/4521	B01F 25/452	NEW

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CPC	IPC	Action*
B01F 25/45211	B01F 25/452	NEW
B01F 25/45212	B01F 25/452	NEW
B01F 25/4522	B01F 25/452	NEW
B01F 25/45221	B01F 25/452	NEW
B01F 25/4523	B01F 25/452	NEW
B01F 25/45231	B01F 25/452	NEW
B01F 25/4524	B01F 25/452	NEW
B01F 25/45241	B01F 25/452	NEW
B01F 25/45242	B01F 25/452	NEW
B01F 25/45243	B01F 25/452	NEW
B01F 25/46	B01F 25/46	NEW
B01F 25/50	B01F 25/50	NEW
B01F 25/51	B01F 25/51	NEW
B01F 25/52	B01F 25/52	NEW
B01F 25/53	B01F 25/53	NEW
B01F 25/54	B01F 25/54	NEW
B01F 25/60	B01F 25/60	NEW
B01F 25/62	B01F 25/62	NEW
B01F 25/621	B01F 25/62	NEW
B01F 25/64	B01F 25/64	NEW
B01F 25/641	B01F 25/64	NEW
B01F 25/642	B01F 25/64	NEW
B01F 25/643	B01F 25/64	NEW
B01F 25/70	B01F 25/70	NEW
B01F 25/72	B01F 25/72	NEW
B01F 25/721	B01F 25/721	NEW
B01F 25/74	B01F 25/74	NEW
B01F 25/741	B01F 25/74	NEW
B01F 25/7411	B01F 25/74	NEW
B01F 25/742	B01F 25/74	NEW
B01F 25/743	B01F 25/74	NEW
B01F 25/744	B01F 25/74	NEW
B01F 25/80	B01F 25/80	NEW
B01F 25/82	B01F 25/82	NEW
B01F 25/821	B01F 25/82	NEW
B01F 25/8211	B01F 25/82	NEW
B01F 25/822	B01F 25/82	NEW
B01F 25/823	B01F 25/82	NEW
B01F 25/83	B01F 25/83	NEW
B01F 25/84	B01F 25/80	NEW
B01F 25/85	B01F 25/85	NEW
B01F 25/90	B01F 25/90	NEW
B01F 25/901	B01F 25/90	NEW
B01F 2025/91	B01F 25/00	NEW
B01F 2025/911	B01F 25/00	NEW

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CPC	IPC	Action*
B01F 2025/912	B01F 25/00	NEW
B01F 2025/9121	B01F 25/00	NEW
B01F 2025/9122	B01F 25/00	NEW
B01F 2025/913	B01F 25/00	NEW
B01F 2025/914	B01F 25/00	NEW
B01F 2025/915	B01F 25/00	NEW
B01F 2025/916	B01F 25/00	NEW
B01F 2025/917	B01F 25/00	NEW
B01F 2025/9171	B01F 25/00	NEW
B01F 2025/918	B01F 25/00	NEW
B01F 2025/919	B01F 25/00	NEW
B01F 2025/9191	B01F 25/00	NEW
B01F 2025/91911	B01F 25/00	NEW
B01F 2025/91912	B01F 25/00	NEW
B01F 2025/919121	B01F 25/00	NEW
B01F 2025/919125	B01F 25/00	NEW
B01F 2025/91913	B01F 25/00	NEW
B01F 2025/93	B01F 25/00	NEW
B01F 2025/931	B01F 25/00	NEW
B01F 2025/932	B01F 25/00	NEW
B01F 2025/9321	B01F 25/00	NEW
B01F 27/00	B01F 27/00	NEW
B01F 27/05	B01F 27/05	NEW
B01F 27/051	B01F 27/051	NEW
B01F 27/052	B01F 27/052	NEW
B01F 27/053	B01F 27/053	NEW
B01F 27/0531	B01F 27/053	NEW
B01F 27/054	B01F 27/054	NEW
B01F 27/0541	B01F 27/054	NEW
B01F 27/0542	B01F 27/054	NEW
B01F 27/0543	B01F 27/054	NEW
B01F 27/06	B01F 27/051	NEW
B01F 27/07	B01F 27/07	NEW
B01F 27/071	B01F 27/07	NEW
B01F 27/072	B01F 27/072	NEW
B01F 27/0721	B01F 27/072	NEW
B01F 27/0722	B01F 27/072	NEW
B01F 27/0723	B01F 27/072	NEW
B01F 27/0724	B01F 27/072	NEW
B01F 27/0725	B01F 27/072	NEW
B01F 27/0726	B01F 27/072	NEW
B01F 27/07261	B01F 27/072	NEW
B01F 27/0727	B01F 27/072	NEW
B01F 27/073	B01F 27/07	NEW
B01F 27/074	B01F 27/07	NEW

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CPC	IPC	Action*
B01F 27/09	B01F 27/09	NEW
B01F 27/091	B01F 27/091	NEW
B01F 27/092	B01F 27/09	NEW
B01F 27/093	B01F 27/093	NEW
B01F 27/11	B01F 27/11	NEW
B01F 27/111	B01F 27/111	NEW
B01F 27/1111	B01F 27/1111	NEW
B01F 27/112	B01F 27/112	NEW
B01F 27/1121	B01F 27/1121	NEW
B01F 27/1122	B01F 27/1122	NEW
B01F 27/1123	B01F 27/1123	NEW
B01F 27/1124	B01F 27/1124	NEW
B01F 27/1125	B01F 27/1125	NEW
B01F 27/11251	B01F 27/1125	NEW
B01F 27/11252	B01F 27/1125	NEW
B01F 27/11253	B01F 27/1125	NEW
B01F 27/1126	B01F 27/1126	NEW
B01F 27/1127	B01F 27/1127	NEW
B01F 27/113	B01F 27/113	NEW
B01F 27/1131	B01F 27/1131	NEW
B01F 27/1132	B01F 27/1132	NEW
B01F 27/1133	B01F 27/113	NEW
B01F 27/1134	B01F 27/113	NEW
B01F 27/114	B01F 27/114	NEW
B01F 27/1141	B01F 27/114	NEW
B01F 27/1142	B01F 27/1142	NEW
B01F 27/1143	B01F 27/1143	NEW
B01F 27/1144	B01F 27/1144	NEW
B01F 27/1145	B01F 27/1145	NEW
B01F 27/11451	B01F 27/1145	NEW
B01F 27/115	B01F 27/115	NEW
B01F 27/1151	B01F 27/1151	NEW
B01F 27/1152	B01F 27/1152	NEW
B01F 27/1153	B01F 27/115	NEW
B01F 27/1154	B01F 27/115	NEW
B01F 27/1155	B01F 27/115	NEW
B01F 27/116	B01F 27/116	NEW
B01F 27/1161	B01F 27/116	NEW
B01F 27/1162	B01F 27/116	NEW
B01F 27/1163	B01F 27/116	NEW
B01F 27/11631	B01F 27/116	NEW
B01F 27/117	B01F 27/117	NEW
B01F 27/1171	B01F 27/117	NEW
B01F 27/118	B01F 27/118	NEW
B01F 27/119	B01F 27/119	NEW

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CPC	IPC	Action*
B01F 27/1191	B01F 27/119	NEW
B01F 27/13	B01F 27/13	NEW
B01F 27/15	B01F 27/15	NEW
B01F 27/17	B01F 27/17	NEW
B01F 27/171	B01F 27/171	NEW
B01F 27/172	B01F 27/172	NEW
B01F 27/19	B01F 27/19	NEW
B01F 27/191	B01F 27/191	NEW
B01F 27/192	B01F 27/192	NEW
B01F 27/1921	B01F 27/192	NEW
B01F 27/21	B01F 27/21	NEW
B01F 27/211	B01F 27/211	NEW
B01F 27/2111	B01F 27/2111	NEW
B01F 27/212	B01F 27/21	NEW
B01F 27/2121	B01F 27/2121	NEW
B01F 27/2122	B01F 27/2122	NEW
B01F 27/2123	B01F 27/2123	NEW
B01F 27/2124	B01F 27/2124	NEW
B01F 27/213	B01F 27/213	NEW
B01F 27/23	B01F 27/23	NEW
B01F 27/231	B01F 27/231	NEW
B01F 27/2311	B01F 27/231	NEW
B01F 27/2312	B01F 27/231	NEW
B01F 27/232	B01F 27/232	NEW
B01F 27/2321	B01F 27/232	NEW
B01F 27/2322	B01F 27/2322	NEW
B01F 27/2323	B01F 27/2323	NEW
B01F 27/2324	B01F 27/232	NEW
B01F 27/25	B01F 27/25	NEW
B01F 27/251	B01F 27/25	NEW
B01F 27/27	B01F 27/27	NEW
B01F 27/271	B01F 27/271	NEW
B01F 27/2711	B01F 27/271	NEW
B01F 27/2712	B01F 27/271	NEW
B01F 27/2713	B01F 27/271	NEW
B01F 27/2714	B01F 27/271	NEW
B01F 27/272	B01F 27/272	NEW
B01F 27/2721	B01F 27/272	NEW
B01F 27/2722	B01F 27/272	NEW
B01F 27/2723	B01F 27/272	NEW
B01F 27/2724	B01F 27/272	NEW
B01F 27/276	B01F 27/27	NEW
B01F 27/40	B01F 27/40	NEW
B01F 27/41	B01F 27/41	NEW
B01F 27/411	B01F 27/41	NEW

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CPC	IPC	Action*
B01F 27/412	B01F 27/41	NEW
B01F 27/42	B01F 27/42	NEW
B01F 27/421	B01F 27/42	NEW
B01F 27/422	B01F 27/42	NEW
B01F 27/50	B01F 27/50	NEW
B01F 27/55	B01F 27/55	NEW
B01F 27/60	B01F 27/60	NEW
B01F 27/61	B01F 27/61	NEW
B01F 27/62	B01F 27/60	NEW
B01F 27/621	B01F 27/60	NEW
B01F 27/625	B01F 27/60	NEW
B01F 27/627	B01F 27/60	NEW
B01F 27/63	B01F 27/63	NEW
B01F 27/65	B01F 27/65	NEW
B01F 27/70	B01F 27/70	NEW
B01F 27/701	B01F 27/701	NEW
B01F 27/702	B01F 27/702	NEW
B01F 27/703	B01F 27/703	NEW
B01F 27/704	B01F 27/704	NEW
B01F 27/705	B01F 27/705	NEW
B01F 27/706	B01F 27/706	NEW
B01F 27/707	B01F 27/707	NEW
B01F 27/708	B01F 27/708	NEW
B01F 27/71	B01F 27/71	NEW
B01F 27/711	B01F 27/71	NEW
B01F 27/7111	B01F 27/71	NEW
B01F 27/72	B01F 27/72	NEW
B01F 27/721	B01F 27/721	NEW
B01F 27/722	B01F 27/722	NEW
B01F 27/7221	B01F 27/722	NEW
B01F 27/723	B01F 27/723	NEW
B01F 27/724	B01F 27/724	NEW
B01F 27/725	B01F 27/72	NEW
B01F 27/726	B01F 27/726	NEW
B01F 27/73	B01F 27/73	NEW
B01F 27/731	B01F 27/73	NEW
B01F 27/74	B01F 27/74	NEW
B01F 27/75	B01F 27/75	NEW
B01F 27/755	B01F 27/75	NEW
B01F 27/80	B01F 27/80	NEW
B01F 27/805	B01F 27/805	NEW
B01F 27/806	B01F 27/806	NEW
B01F 27/807	B01F 27/807	NEW
B01F 27/808	B01F 27/808	NEW
B01F 27/81	B01F 27/81	NEW

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CPC	IPC	Action*
B01F 27/811	B01F 27/81	NEW
B01F 27/8111	B01F 27/81	NEW
B01F 27/812	B01F 27/81	NEW
B01F 27/813	B01F 27/81	NEW
B01F 27/82	B01F 27/82	NEW
B01F 27/83	B01F 27/83	NEW
B01F 27/84	B01F 27/84	NEW
B01F 27/85	B01F 27/85	NEW
B01F 27/851	B01F 27/85	NEW
B01F 27/86	B01F 27/86	NEW
B01F 27/861	B01F 27/86	NEW
B01F 27/862	B01F 27/86	NEW
B01F 27/87	B01F 27/87	NEW
B01F 27/88	B01F 27/88	NEW
B01F 27/90	B01F 27/90	NEW
B01F 27/902	B01F 27/902	NEW
B01F 27/9021	B01F 27/902	NEW
B01F 27/906	B01F 27/906	NEW
B01F 27/91	B01F 27/91	NEW
B01F 27/911	B01F 27/91	NEW
B01F 27/92	B01F 27/92	NEW
B01F 27/921	B01F 27/921	NEW
B01F 27/9211	B01F 27/921	NEW
B01F 27/92112	B01F 27/921	NEW
B01F 27/9212	B01F 27/9212	NEW
B01F 27/9213	B01F 27/921	NEW
B01F 27/9214	B01F 27/921	NEW
B01F 27/922	B01F 27/922	NEW
B01F 27/923	B01F 27/92	NEW
B01F 27/93	B01F 27/93	NEW
B01F 27/94	B01F 27/94	NEW
B01F 27/941	B01F 27/94	NEW
B01F 27/95	B01F 27/95	NEW
B01F 27/951	B01F 27/95	NEW
B01F 27/952	B01F 27/952	NEW
B01F 27/953	B01F 27/95	NEW
B01F 27/96	B01F 27/96	NEW
B01F 29/00	B01F 29/00	NEW
B01F 29/10	B01F 29/10	NEW
B01F 29/15	B01F 29/15	NEW
B01F 29/20	B01F 29/20	NEW
B01F 29/25	B01F 29/25	NEW
B01F 29/251	B01F 29/25	NEW
B01F 29/252	B01F 29/25	NEW
B01F 29/253	B01F 29/25	NEW

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CPC	IPC	Action*
B01F 29/30	B01F 29/30	NEW
B01F 29/31	B01F 29/31	NEW
B01F 29/32	B01F 29/32	NEW
B01F 29/321	B01F 29/321	NEW
B01F 29/322	B01F 29/322	NEW
B01F 29/33	B01F 29/33	NEW
B01F 29/331	B01F 29/33	NEW
B01F 29/332	B01F 29/33	NEW
B01F 29/333	B01F 29/33	NEW
B01F 29/34	B01F 29/34	NEW
B01F 29/40	B01F 29/00	NEW
B01F 29/401	B01F 29/00	NEW
B01F 29/4011	B01F 29/00	NEW
B01F 29/40111	B01F 29/00	NEW
B01F 29/40112	B01F 29/00	NEW
B01F 29/40113	B01F 29/00	NEW
B01F 29/40114	B01F 29/00	NEW
B01F 29/40115	B01F 29/00	NEW
B01F 29/40116	B01F 29/00	NEW
B01F 29/40117	B01F 29/00	NEW
B01F 29/40118	B01F 29/00	NEW
B01F 29/40119	B01F 29/00	NEW
B01F 29/401195	B01F 29/00	NEW
B01F 29/402	B01F 29/00	NEW
B01F 29/4021	B01F 29/00	NEW
B01F 29/4022	B01F 29/00	NEW
B01F 29/40221	B01F 29/00	NEW
B01F 29/40222	B01F 29/00	NEW
B01F 29/4023	B01F 29/00	NEW
B01F 29/40231	B01F 29/00	NEW
B01F 29/403	B01F 29/00	NEW
B01F 29/4031	B01F 29/00	NEW
B01F 29/4032	B01F 29/00	NEW
B01F 29/4033	B01F 29/00	NEW
B01F 29/4034	B01F 29/00	NEW
B01F 29/4035	B01F 29/00	NEW
B01F 29/40351	B01F 29/00	NEW
B01F 29/40352	B01F 29/00	NEW
B01F 29/40353	B01F 29/00	NEW
B01F 29/40354	B01F 29/00	NEW
B01F 29/4036	B01F 29/00	NEW
B01F 29/40361	B01F 29/00	NEW
B01F 29/40362	B01F 29/00	NEW
B01F 29/40363	B01F 29/00	NEW
B01F 29/40364	B01F 29/00	NEW

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CPC	IPC	Action*
B01F 29/40365	B01F 29/00	NEW
B01F 29/60	B01F 29/60	NEW
B01F 29/61	B01F 29/60	NEW
B01F 29/62	B01F 29/62	NEW
B01F 29/63	B01F 29/63	NEW
B01F 29/64	B01F 29/64	NEW
B01F 29/80	B01F 29/80	NEW
B01F 29/81	B01F 29/81	NEW
B01F 29/82	B01F 29/80	NEW
B01F 29/83	B01F 29/83	NEW
B01F 29/835	B01F 29/83	NEW
B01F 29/84	B01F 29/84	NEW
B01F 29/85	B01F 29/85	NEW
B01F 29/86	B01F 29/86	NEW
B01F 29/87	B01F 29/87	NEW
B01F 29/90	B01F 29/90	NEW
B01F 31/00	B01F 31/00	NEW
B01F 31/10	B01F 31/10	NEW
B01F 31/20	B01F 31/20	NEW
B01F 31/201	B01F 31/20	NEW
B01F 31/202	B01F 31/20	NEW
B01F 31/22	B01F 31/22	NEW
B01F 31/23	B01F 31/23	NEW
B01F 31/231	B01F 31/23	NEW
B01F 31/24	B01F 31/24	NEW
B01F 31/25	B01F 31/25	NEW
B01F 31/26	B01F 31/20	NEW
B01F 31/265	B01F 31/20	NEW
B01F 31/27	B01F 31/20	NEW
B01F 31/275	B01F 31/20	NEW
B01F 31/28	B01F 31/20	NEW
B01F 31/29	B01F 31/29	NEW
B01F 31/30	B01F 31/30	NEW
B01F 31/31	B01F 31/31	NEW
B01F 31/311	B01F 31/31	NEW
B01F 31/312	B01F 31/31	NEW
B01F 31/40	B01F 31/40	NEW
B01F 31/401	B01F 31/40	NEW
B01F 31/42	B01F 31/42	NEW
B01F 31/44	B01F 31/44	NEW
B01F 31/441	B01F 31/441	NEW
B01F 31/443	B01F 31/44	NEW
B01F 31/445	B01F 31/445	NEW
B01F 31/449	B01F 31/44	NEW
B01F 31/46	B01F 31/46	NEW

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CPC	IPC	Action*
B01F 31/50	B01F 31/50	NEW
B01F 31/55	B01F 31/55	NEW
B01F 31/56	B01F 31/00	NEW
B01F 31/57	B01F 31/00	NEW
B01F 31/60	B01F 31/60	NEW
B01F 31/65	B01F 31/65	NEW
B01F 31/651	B01F 31/65	NEW
B01F 31/70	B01F 31/00	NEW
B01F 31/80	B01F 31/80	NEW
B01F 31/81	B01F 31/81	NEW
B01F 31/82	B01F 31/80	NEW
B01F 31/83	B01F 31/80	NEW
B01F 31/831	B01F 31/80	NEW
B01F 31/84	B01F 31/80	NEW
B01F 31/841	B01F 31/80	NEW
B01F 31/85	B01F 31/85	NEW
B01F 31/86	B01F 31/86	NEW
B01F 31/861	B01F 31/86	NEW
B01F 31/87	B01F 31/87	NEW
B01F 31/89	B01F 31/80	NEW
B01F 33/00	B01F 33/00	NEW
B01F 33/05	B01F 33/05	NEW
B01F 33/051	B01F 33/05	NEW
B01F 33/052	B01F 33/05	NEW
B01F 33/053	B01F 33/05	NEW
B01F 33/054	B01F 33/05	NEW
B01F 33/055	B01F 33/05	NEW
B01F 33/12	B01F 33/12	NEW
B01F 33/25	B01F 33/25	NEW
B01F 33/251	B01F 33/25	NEW
B01F 33/252	B01F 33/25	NEW
B01F 33/253	B01F 33/25	NEW
B01F 33/254	B01F 33/25	NEW
B01F 33/26	B01F 33/00	NEW
B01F 33/27	B01F 33/00	NEW
B01F 33/30	B01F 33/30	NEW
B01F 33/301	B01F 33/301	NEW
B01F 33/3011	B01F 33/3011	NEW
B01F 33/3012	B01F 33/3012	NEW
B01F 33/30121	B01F 33/3012	NEW
B01F 33/3017	B01F 33/301	NEW
B01F 33/302	B01F 33/302	NEW
B01F 33/3021	B01F 33/302	NEW
B01F 33/3022	B01F 33/302	NEW
B01F 33/3031	B01F 33/3031	NEW

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CPC	IPC	Action*
B01F 33/3032	B01F 33/3032	NEW
B01F 33/3033	B01F 33/3033	NEW
B01F 33/3034	B01F 33/30	NEW
B01F 33/3035	B01F 33/30	NEW
B01F 33/30351	B01F 33/30	NEW
B01F 33/30352	B01F 33/30	NEW
B01F 33/3036	B01F 33/30	NEW
B01F 33/3037	B01F 33/30	NEW
B01F 33/3038	B01F 33/30	NEW
B01F 33/3039	B01F 33/3039	NEW
B01F 33/304	B01F 33/30	NEW
B01F 33/3045	B01F 33/30	NEW
B01F 33/305	B01F 33/30	NEW
B01F 33/35	B01F 33/35	NEW
B01F 33/40	B01F 33/40	NEW
B01F 33/401	B01F 33/40	NEW
B01F 33/402	B01F 33/40	NEW
B01F 33/4021	B01F 33/40	NEW
B01F 33/403	B01F 33/40	NEW
B01F 33/404	B01F 33/40	NEW
B01F 33/405	B01F 33/40	NEW
B01F 33/4051	B01F 33/40	NEW
B01F 33/40511	B01F 33/40	NEW
B01F 33/40512	B01F 33/40	NEW
B01F 33/406	B01F 33/40	NEW
B01F 33/4061	B01F 33/40	NEW
B01F 33/4062	B01F 33/40	NEW
B01F 33/407	B01F 33/40	NEW
B01F 33/408	B01F 33/40	NEW
B01F 33/409	B01F 33/40	NEW
B01F 33/4092	B01F 33/40	NEW
B01F 33/4094	B01F 33/40	NEW
B01F 33/45	B01F 33/45	NEW
B01F 33/451	B01F 33/451	NEW
B01F 33/452	B01F 33/452	NEW
B01F 33/453	B01F 33/453	NEW
B01F 33/4531	B01F 33/453	NEW
B01F 33/4532	B01F 33/453	NEW
B01F 33/4533	B01F 33/453	NEW
B01F 33/4534	B01F 33/453	NEW
B01F 33/4535	B01F 33/453	NEW
B01F 33/4536	B01F 33/453	NEW
B01F 33/4537	B01F 33/453	NEW
B01F 33/50	B01F 33/50	NEW
B01F 33/501	B01F 33/501	NEW

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CPC	IPC	Action*
B01F 33/5011	B01F 33/501	NEW
B01F 33/50111	B01F 33/501	NEW
B01F 33/50112	B01F 33/501	NEW
B01F 33/50113	B01F 33/501	NEW
B01F 33/50114	B01F 33/501	NEW
B01F 33/50115	B01F 33/501	NEW
B01F 33/5012	B01F 33/501	NEW
B01F 33/5013	B01F 33/501	NEW
B01F 33/5014	B01F 33/501	NEW
B01F 33/502	B01F 33/502	NEW
B01F 33/5021	B01F 33/502	NEW
B01F 33/5022	B01F 33/502	NEW
B01F 33/5023	B01F 33/502	NEW
B01F 33/5024	B01F 33/502	NEW
B01F 33/5025	B01F 33/502	NEW
B01F 33/5026	B01F 33/502	NEW
B01F 33/5027	B01F 33/502	NEW
B01F 33/503	B01F 33/503	NEW
B01F 33/70	B01F 33/70	NEW
B01F 33/71	B01F 33/71	NEW
B01F 33/80	B01F 33/80	NEW
B01F 33/805	B01F 33/80	NEW
B01F 33/8051	B01F 33/80	NEW
B01F 33/80514	B01F 33/80	NEW
B01F 33/8052	B01F 33/80	NEW
B01F 33/81	B01F 33/81	NEW
B01F 33/811	B01F 33/81	NEW
B01F 33/812	B01F 33/81	NEW
B01F 33/813	B01F 33/81	NEW
B01F 33/82	B01F 33/82	NEW
B01F 33/821	B01F 33/82	NEW
B01F 33/8212	B01F 33/82	NEW
B01F 33/822	B01F 33/82	NEW
B01F 33/823	B01F 33/82	NEW
B01F 33/824	B01F 33/82	NEW
B01F 33/83	B01F 33/83	NEW
B01F 33/8305	B01F 33/83	NEW
B01F 33/831	B01F 33/83	NEW
B01F 33/833	B01F 33/83	NEW
B01F 33/834	B01F 33/80	NEW
B01F 33/836	B01F 33/80	NEW
B01F 33/8361	B01F 33/80	NEW
B01F 33/83611	B01F 33/80	NEW
B01F 33/83612	B01F 33/80	NEW
B01F 33/83613	B01F 33/80	NEW

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CPC	IPC	Action*
B01F 33/83614	B01F 33/80	NEW
B01F 33/8362	B01F 33/80	NEW
B01F 33/8363	B01F 33/80	NEW
B01F 33/8364	B01F 33/80	NEW
B01F 33/84	B01F 33/84	NEW
B01F 33/841	B01F 33/841	NEW
B01F 33/844	B01F 33/84	NEW
B01F 33/8442	B01F 33/84	NEW
B01F 33/846	B01F 33/84	NEW
B01F 33/848	B01F 33/84	NEW
B01F 33/85	B01F 33/85	NEW
B01F 33/86	B01F 33/00	NEW
B01F 33/862	B01F 33/00	NEW
B01F 33/87	B01F 33/87	NEW
B01F 35/00	B01F 35/00	NEW
B01F 35/10	B01F 35/10	NEW
B01F 35/11	B01F 35/11	NEW
B01F 35/12	B01F 35/12	NEW
B01F 35/121	B01F 35/12	NEW
B01F 35/122	B01F 35/12	NEW
B01F 35/123	B01F 35/12	NEW
B01F 35/13	B01F 35/13	NEW
B01F 35/145	B01F 35/10	NEW
B01F 35/1452	B01F 35/10	NEW
B01F 35/1453	B01F 35/10	NEW
B01F 35/146	B01F 35/10	NEW
B01F 35/165	B01F 35/00	NEW
B01F 35/181	B01F 35/00	NEW
B01F 35/184	B01F 35/00	NEW
B01F 35/186	B01F 35/00	NEW
B01F 35/187	B01F 35/00	NEW
B01F 35/1872	B01F 35/00	NEW
B01F 35/188	B01F 35/00	NEW
B01F 35/189	B01F 35/00	NEW
B01F 35/20	B01F 35/20	NEW
B01F 35/21	B01F 35/21	NEW
B01F 35/211	B01F 35/21	NEW
B01F 35/2111	B01F 35/21	NEW
B01F 35/21111	B01F 35/21	NEW
B01F 35/21112	B01F 35/21	NEW
B01F 35/2112	B01F 35/21	NEW
B01F 35/2113	B01F 35/21	NEW
B01F 35/2114	B01F 35/21	NEW
B01F 35/2115	B01F 35/21	NEW
B01F 35/21151	B01F 35/21	NEW

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CPC	IPC	Action*
B01F 35/2116	B01F 35/21	NEW
B01F 35/2117	B01F 35/21	NEW
B01F 35/212	B01F 35/212	NEW
B01F 35/213	B01F 35/213	NEW
B01F 35/2131	B01F 35/21	NEW
B01F 35/2132	B01F 35/21	NEW
B01F 35/2133	B01F 35/21	NEW
B01F 35/2134	B01F 35/21	NEW
B01F 35/2135	B01F 35/21	NEW
B01F 35/2136	B01F 35/21	NEW
B01F 35/214	B01F 35/214	NEW
B01F 35/2142	B01F 35/214	NEW
B01F 35/2144	B01F 35/214	NEW
B01F 35/22	B01F 35/22	NEW
B01F 35/2201	B01F 35/22	NEW
B01F 35/2202	B01F 35/22	NEW
B01F 35/2203	B01F 35/22	NEW
B01F 35/2204	B01F 35/22	NEW
B01F 35/2205	B01F 35/22	NEW
B01F 35/2206	B01F 35/22	NEW
B01F 35/2207	B01F 35/22	NEW
B01F 35/2208	B01F 35/22	NEW
B01F 35/2209	B01F 35/22	NEW
B01F 35/221	B01F 35/221	NEW
B01F 35/2211	B01F 35/221	NEW
B01F 35/2212	B01F 35/221	NEW
B01F 35/2213	B01F 35/221	NEW
B01F 35/2214	B01F 35/221	NEW
B01F 35/22141	B01F 35/221	NEW
B01F 35/22142	B01F 35/221	NEW
B01F 35/221421	B01F 35/221	NEW
B01F 35/221422	B01F 35/221	NEW
B01F 35/2215	B01F 35/221	NEW
B01F 35/2216	B01F 35/221	NEW
B01F 35/22161	B01F 35/221	NEW
B01F 35/22162	B01F 35/221	NEW
B01F 35/2217	B01F 35/221	NEW
B01F 35/2218	B01F 35/221	NEW
B01F 35/222	B01F 35/222	NEW
B01F 35/2221	B01F 35/222	NEW
B01F 35/30	B01F 35/30	NEW
B01F 35/31	B01F 35/31	NEW
B01F 35/32	B01F 35/32	NEW
B01F 35/32005	B01F 35/32	NEW
B01F 35/3201	B01F 35/32	NEW

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CPC	IPC	Action*
B01F 35/32015	B01F 35/32	NEW
B01F 35/3202	B01F 35/32	NEW
B01F 35/32021	B01F 35/32	NEW
B01F 35/32025	B01F 35/32	NEW
B01F 35/3203	B01F 35/32	NEW
B01F 35/32035	B01F 35/32	NEW
B01F 35/3204	B01F 35/32	NEW
B01F 35/32045	B01F 35/32	NEW
B01F 35/3205	B01F 35/32	NEW
B01F 35/32055	B01F 35/32	NEW
B01F 35/3206	B01F 35/32	NEW
B01F 35/32065	B01F 35/32	NEW
B01F 35/321	B01F 35/32	NEW
B01F 35/3211	B01F 35/32	NEW
B01F 35/3212	B01F 35/32	NEW
B01F 35/3213	B01F 35/32	NEW
B01F 35/3214	B01F 35/32	NEW
B01F 35/3215	B01F 35/32	NEW
B01F 35/32151	B01F 35/32	NEW
B01F 35/322	B01F 35/32	NEW
B01F 35/323	B01F 35/32	NEW
B01F 35/3231	B01F 35/32	NEW
B01F 35/324	B01F 35/32	NEW
B01F 35/325	B01F 35/32	NEW
B01F 35/33	B01F 35/33	NEW
B01F 35/331	B01F 35/33	NEW
B01F 35/332	B01F 35/33	NEW
B01F 35/333	B01F 35/33	NEW
B01F 35/34	B01F 35/30	NEW
B01F 2035/35	B01F 35/30	NEW
B01F 2035/351	B01F 35/30	NEW
B01F 2035/3511	B01F 35/30	NEW
B01F 2035/3512	B01F 35/30	NEW
B01F 2035/3513	B01F 35/30	NEW
B01F 2035/352	B01F 35/30	NEW
B01F 2035/353	B01F 35/30	NEW
B01F 35/40	B01F 35/40	NEW
B01F 35/41	B01F 35/41	NEW
B01F 35/411	B01F 35/41	NEW
B01F 35/4111	B01F 35/41	NEW
B01F 35/4112	B01F 35/41	NEW
B01F 35/4113	B01F 35/41	NEW
B01F 35/412	B01F 35/41	NEW
B01F 35/4121	B01F 35/41	NEW
B01F 35/4122	B01F 35/41	NEW

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CPC	IPC	Action*
B01F 35/413	B01F 35/41	NEW
B01F 35/414	B01F 35/41	NEW
B01F 35/42	B01F 35/42	NEW
B01F 35/421	B01F 35/42	NEW
B01F 35/422	B01F 35/42	NEW
B01F 35/423	B01F 35/42	NEW
B01F 35/424	B01F 35/42	NEW
B01F 35/425	B01F 35/42	NEW
B01F 35/43	B01F 35/43	NEW
B01F 35/45	B01F 35/45	NEW
B01F 35/451	B01F 35/45	NEW
B01F 35/452	B01F 35/45	NEW
B01F 35/4521	B01F 35/45	NEW
B01F 35/453	B01F 35/45	NEW
B01F 35/4531	B01F 35/45	NEW
B01F 35/454	B01F 35/45	NEW
B01F 35/50	B01F 35/50	NEW
B01F 35/51	B01F 35/51	NEW
B01F 35/511	B01F 35/511	NEW
B01F 35/512	B01F 35/512	NEW
B01F 35/513	B01F 35/513	NEW
B01F 35/514	B01F 35/50	NEW
B01F 35/52	B01F 35/52	NEW
B01F 35/522	B01F 35/52	NEW
B01F 35/53	B01F 35/53	NEW
B01F 35/531	B01F 35/53	NEW
B01F 35/5311	B01F 35/53	NEW
B01F 35/5312	B01F 35/53	NEW
B01F 35/532	B01F 35/53	NEW
B01F 35/54	B01F 35/50	NEW
B01F 35/55	B01F 35/00	NEW
B01F 35/56	B01F 35/00	NEW
B01F 35/561	B01F 35/00	NEW
B01F 35/562	B01F 35/00	NEW
B01F 35/5621	B01F 35/00	NEW
B01F 35/60	B01F 35/60	NEW
B01F 35/602	B01F 35/60	NEW
B01F 35/605	B01F 35/60	NEW
B01F 35/6052	B01F 35/60	NEW
B01F 35/71	B01F 35/71	NEW
B01F 35/711	B01F 35/71	NEW
B01F 35/712	B01F 35/71	NEW
B01F 35/713	B01F 35/71	NEW
B01F 35/7131	B01F 35/71	NEW
B01F 35/7132	B01F 35/71	NEW

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CPC	IPC	Action*
B01F 35/7133	B01F 35/71	NEW
B01F 35/7134	B01F 35/71	NEW
B01F 35/7135	B01F 35/71	NEW
B01F 35/7136	B01F 35/71	NEW
B01F 35/7137	B01F 35/71	NEW
B01F 35/7138	B01F 35/71	NEW
B01F 35/7139	B01F 35/71	NEW
B01F 35/714	B01F 35/71	NEW
B01F 35/7141	B01F 35/71	NEW
B01F 35/71411	B01F 35/71	NEW
B01F 35/714111	B01F 35/71	NEW
B01F 35/714112	B01F 35/71	NEW
B01F 35/715	B01F 35/71	NEW
B01F 35/716	B01F 35/71	NEW
B01F 35/7161	B01F 35/71	NEW
B01F 35/7162	B01F 35/71	NEW
B01F 35/7163	B01F 35/71	NEW
B01F 35/7164	B01F 35/71	NEW
B01F 35/717	B01F 35/71	NEW
B01F 35/71705	B01F 35/71	NEW
B01F 35/7171	B01F 35/71	NEW
B01F 35/71715	B01F 35/71	NEW
B01F 35/7172	B01F 35/71	NEW
B01F 35/71725	B01F 35/71	NEW
B01F 35/7173	B01F 35/71	NEW
B01F 35/71731	B01F 35/71	NEW
B01F 35/71735	B01F 35/71	NEW
B01F 35/7174	B01F 35/71	NEW
B01F 35/71745	B01F 35/71	NEW
B01F 35/7175	B01F 35/71	NEW
B01F 35/71755	B01F 35/71	NEW
B01F 35/717551	B01F 35/71	NEW
B01F 35/7176	B01F 35/71	NEW
B01F 35/71761	B01F 35/71	NEW
B01F 35/717611	B01F 35/71	NEW
B01F 35/717612	B01F 35/71	NEW
B01F 35/717613	B01F 35/71	NEW
B01F 35/717614	B01F 35/71	NEW
B01F 35/71765	B01F 35/71	NEW
B01F 35/7177	B01F 35/71	NEW
B01F 35/71775	B01F 35/71	NEW
B01F 35/7178	B01F 35/71	NEW
B01F 35/71785	B01F 35/71	NEW
B01F 35/7179	B01F 35/71	NEW
B01F 35/71791	B01F 35/71	NEW

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CPC	IPC	Action*
B01F 35/71795	B01F 35/71	NEW
B01F 35/718	B01F 35/71	NEW
B01F 35/71801	B01F 35/71	NEW
B01F 35/71805	B01F 35/71	NEW
B01F 35/718051	B01F 35/71	NEW
B01F 35/7181	B01F 35/71	NEW
B01F 35/71815	B01F 35/71	NEW
B01F 35/7182	B01F 35/71	NEW
B01F 35/71825	B01F 35/71	NEW
B01F 35/75	B01F 35/75	NEW
B01F 35/751	B01F 35/75	NEW
B01F 35/7511	B01F 35/75	NEW
B01F 35/752	B01F 35/75	NEW
B01F 35/753	B01F 35/75	NEW
B01F 35/754	B01F 35/75	NEW
B01F 35/7541	B01F 35/75	NEW
B01F 35/75415	B01F 35/75	NEW
B01F 35/7542	B01F 35/75	NEW
B01F 35/75425	B01F 35/75	NEW
B01F 35/754251	B01F 35/75	NEW
B01F 35/7543	B01F 35/75	NEW
B01F 35/75435	B01F 35/75	NEW
B01F 35/754351	B01F 35/75	NEW
B01F 35/7544	B01F 35/75	NEW
B01F 35/75441	B01F 35/75	NEW
B01F 35/75445	B01F 35/75	NEW
B01F 35/7545	B01F 35/75	NEW
B01F 35/75455	B01F 35/75	NEW
B01F 35/754551	B01F 35/75	NEW
B01F 35/7546	B01F 35/75	NEW
B01F 35/75465	B01F 35/75	NEW
B01F 35/7547	B01F 35/75	NEW
B01F 35/75471	B01F 35/75	NEW
B01F 35/75475	B01F 35/75	NEW
B01F 35/7548	B01F 35/75	NEW
B01F 35/75485	B01F 35/75	NEW
B01F 35/7549	B01F 35/75	NEW
B01F 35/79	B01F 35/00	NEW
B01F 35/80	B01F 35/80	NEW
B01F 35/81	B01F 35/81	NEW
B01F 35/82	B01F 35/82	NEW
B01F 35/83	B01F 35/83	NEW
B01F 35/831	B01F 35/83	NEW
B01F 35/8311	B01F 35/83	NEW
B01F 35/832	B01F 35/83	NEW

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CPC	IPC	Action*
B01F 35/833	B01F 35/83	NEW
B01F 35/8331	B01F 35/83	NEW
B01F 35/834	B01F 35/83	NEW
B01F 35/88	B01F 35/88	NEW
B01F 35/881	B01F 35/88	NEW
B01F 35/8811	B01F 35/88	NEW
B01F 35/882	B01F 35/88	NEW
B01F 35/8821	B01F 35/88	NEW
B01F 35/8822	B01F 35/88	NEW
B01F 35/88221	B01F 35/88	NEW
B01F 35/88222	B01F 35/88	NEW
B01F 35/8823	B01F 35/88	NEW
B01F 35/883	B01F 35/88	NEW
B01F 35/892	B01F 35/80	NEW
B01F 35/8921	B01F 35/80	NEW
B01F 35/894	B01F 35/80	NEW
B01F 35/896	B01F 35/80	NEW
B01F 35/90	B01F 35/90	NEW
B01F 35/91	B01F 35/91	NEW
B01F 35/92	B01F 35/92	NEW
B01F 35/93	B01F 35/93	NEW
B01F 35/94	B01F 35/94	NEW
B01F 35/95	B01F 35/95	NEW
B01F 2035/98	B01F 35/90	NEW
B01F 2035/99	B01F 35/90	NEW
B01F 2101/00	B01F 101/00	NEW
B01F 2101/005	B01F 101/00	NEW
B01F 2101/02	B01F 101/02	NEW
B01F 2101/04	B01F 101/04	NEW
B01F 2101/06	B01F 101/06	NEW
B01F 2101/07	B01F 101/07	NEW
B01F 2101/08	B01F 101/08	NEW
B01F 2101/09	B01F 101/09	NEW
B01F 2101/10	B01F 101/10	NEW
B01F 2101/11	B01F 101/11	NEW
B01F 2101/12	B01F 101/12	NEW
B01F 2101/13	B01F 101/13	NEW
B01F 2101/14	B01F 101/14	NEW
B01F 2101/15	B01F 101/15	NEW
B01F 2101/16	B01F 101/16	NEW
B01F 2101/17	B01F 101/17	NEW
B01F 2101/18	B01F 101/18	NEW
B01F 2101/1805	B01F 101/00	NEW
B01F 2101/19	B01F 101/19	NEW
B01F 2101/20	B01F 101/20	NEW

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CPC	IPC	Action*
B01F 2101/21	B01F 101/21	NEW
B01F 2101/22	B01F 101/22	NEW
B01F 2101/2202	B01F 101/00	NEW
B01F 2101/2204	B01F 101/00	NEW
B01F 2101/23	B01F 101/23	NEW
B01F 2101/2305	B01F 101/00	NEW
B01F 2101/24	B01F 101/24	NEW
B01F 2101/25	B01F 101/25	NEW
B01F 2101/26	B01F 101/26	NEW
B01F 2101/27	B01F 101/27	NEW
B01F 2101/28	B01F 101/28	NEW
B01F 2101/2805	B01F 101/00	NEW
B01F 2101/30	B01F 101/30	NEW
B01F 2101/305	B01F 101/00	NEW
B01F 2101/32	B01F 101/32	NEW
B01F 2101/33	B01F 101/33	NEW
B01F 2101/34	B01F 101/34	NEW
B01F 2101/35	B01F 101/35	NEW
B01F 2101/36	B01F 101/36	NEW
B01F 2101/38	B01F 101/38	NEW
B01F 2101/39	B01F 101/39	NEW
B01F 2101/40	B01F 101/40	NEW
B01F 2101/44	B01F 101/44	NEW
B01F 2101/45	B01F 101/45	NEW
B01F 2101/4505	B01F 101/00	NEW
B01F 2101/47	B01F 101/47	NEW
B01F 2101/48	B01F 101/48	NEW
B01F 2101/49	B01F 101/49	NEW
B01F 2101/50	B01F 101/50	NEW
B01F 2101/501	B01F 101/00	NEW
B01F 2101/503	B01F 101/00	NEW
B01F 2101/505	B01F 101/00	NEW
B01F 2101/54	B01F 101/54	NEW
B01F 2101/55	B01F 101/55	NEW
B01F 2101/56	B01F 101/56	NEW
B01F 2101/57	B01F 101/57	NEW
B01F 2101/58	B01F 101/58	NEW
B01F 2101/59	B01F 101/59	NEW
B01F 2201/00		DELETE
B01F 2201/01		DELETE
B01F 2215/0001		DELETE
B01F 2215/0003		DELETE
B01F 2215/0004		DELETE
B01F 2215/0006		DELETE
B01F 2215/0008		DELETE

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CPC	**IPC**	**Action***
B01F 2215/0009		DELETE
B01F 2215/0011		DELETE
B01F 2215/0013		DELETE
B01F 2215/0014		DELETE
B01F 2215/0016		DELETE
B01F 2215/0018		DELETE
B01F 2215/0019		DELETE
B01F 2215/0021		DELETE
B01F 2215/0022		DELETE
B01F 2215/0024		DELETE
B01F 2215/0026		DELETE
B01F 2215/0027		DELETE
B01F 2215/0029		DELETE
B01F 2215/0031		DELETE
B01F 2215/0032		DELETE
B01F 2215/0034		DELETE
B01F 2215/0036		DELETE
B01F 2215/0037		DELETE
B01F 2215/0039		DELETE
B01F 2215/004		DELETE
B01F 2215/0042		DELETE
B01F 2215/0044		DELETE
B01F 2215/0045		DELETE
B01F 2215/0047		DELETE
B01F 2215/0049		DELETE
B01F 2215/005		DELETE
B01F 2215/0052		DELETE
B01F 2215/0054		DELETE
B01F 2215/0055		DELETE
B01F 2215/0057		DELETE
B01F 2215/0059		DELETE
B01F 2215/006		DELETE
B01F 2215/0062		DELETE
B01F 2215/0063		DELETE
B01F 2215/0065		DELETE
B01F 2215/0067		DELETE
B01F 2215/0068		DELETE
B01F 2215/007		DELETE
B01F 2215/0072		DELETE
B01F 2215/0073		DELETE
B01F 2215/0075		DELETE
B01F 2215/0077		DELETE
B01F 2215/0078		DELETE
B01F 2215/008		DELETE
B01F 2215/0081		DELETE

CPC	IPC	Action*
B01F 2215/0083		DELETE
B01F 2215/0085		DELETE
B01F 2215/0086		DELETE
B01F 2215/0088		DELETE
B01F 2215/009		DELETE
B01F 2215/0091		DELETE
B01F 2215/0093		DELETE
B01F 2215/0095		DELETE
B01F 2215/0096		DELETE
B01F 2215/0098		DELETE
C09K 23/00	C09K 23/00	NEW
C09K 23/002	C09K 23/00	NEW
C09K 23/003	C09K 23/00	NEW
C09K 23/005	C09K 23/00	NEW
C09K 23/007	C09K 23/00	NEW
C09K 23/017	C09K 23/00	NEW
C09K 23/018	C09K 23/00	NEW
C09K 23/02	C09K 23/02	NEW
C09K 23/04	C09K 23/04	NEW
C09K 23/06	C09K 23/06	NEW
C09K 23/08	C09K 23/08	NEW
C09K 23/10	C09K 23/10	NEW
C09K 23/12	C09K 23/12	NEW
C09K 23/14	C09K 23/14	NEW
C09K 23/16	C09K 23/16	NEW
C09K 23/18	C09K 23/18	NEW
C09K 23/20	C09K 23/20	NEW
C09K 23/22	C09K 23/22	NEW
C09K 23/24	C09K 23/24	NEW
C09K 23/26	C09K 23/26	NEW
C09K 23/28	C09K 23/28	NEW
C09K 23/30	C09K 23/30	NEW
C09K 23/32	C09K 23/32	NEW
C09K 23/34	C09K 23/34	NEW
C09K 23/36	C09K 23/36	NEW
C09K 23/38	C09K 23/38	NEW
C09K 23/40	C09K 23/40	NEW
C09K 23/42	C09K 23/42	NEW
C09K 23/44	C09K 23/44	NEW
C09K 23/46	C09K 23/46	NEW
C09K 23/48	C09K 23/48	NEW
C09K 23/50	C09K 23/50	NEW
C09K 23/52	C09K 23/52	NEW
C09K 23/54	C09K 23/54	NEW
C09K 23/56	C09K 23/56	NEW

*Action column:
- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:
- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

Location of reference to be changed	Referenced subclass or group to be changed	Action; New reference symbol; New text
A61M1/025	B01F11/00	Replace with B01F31/00
B01J2219/00889	B01F13/0059	Replace with B01F33/30
B01L3/5027	B01F13/0059	Replace with B01F33/30
B03D1/16	B01F3/04	Replace with B01F23/20
B03D1/24	B01F3/04	Replace with B01F23/20
B03D2201/00	B01F17/00	Replace with C09K23/00
B05B	B01F5/20	Replace with B01F25/72
B05B7/04	B01F5/00	Replace with B01F25/00
B08B3/044	B01F11/00	Replace with B01F31/00
B28C5/381	B01F3/04446	Replace with B01F23/235
B28C5/381	B01F3/04992	Replace with B01F23/291
B28C5/48	B01F11/00	Replace with B01F31/00
B28C7/04	B01F15/04	Replace with B01F35/80
B29B7/325	B01F5/0602	Replace with B01F25/42
B29B7/423	B01F11/0057	Replace with B01F31/401
B29B7/60	B01F15/0216	Replace with B01F35/714
B29B7/7626	B01F15/0454	Replace with B01F35/882
B29B7/80	B01F15/00019	Replace with B01F35/145
B29B7/86	B01F13/06	Replace with B01F33/70
B29C31/06	B01F15/0216	Replace with B01F35/714
B29C31/06	B01F15/0454	Replace with B01F35/882
B81C1/00023	B01F13/0059	Replace with B01F33/30
C12M29/06	B01F3/04106	Replace with B01F23/231
C12M41/04	B01F3/04446	Replace with B01F23/235
E02B1/003	B01F3/04	Replace with B01F23/20
F04F5/465	B01F5/04	Replace with B01F25/20
F22G5/12	B01F5/18	Replace with B01F25/70

Definitions references impacted by this revision project

Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
A01K1/01	B01F2215/0003	Informative references	Replace with B01F2101/005
A01K5/00	B01F7/00658	Informative references	Replace with B01F27/21
A01K5/001	B01F2215/0008	Informative references	Replace with B01F2101/18
A01K5/002	B01F7/02	Informative references	Replace with B01F27/60
A01K5/004	B01F7/16	Informative references	Replace with B01F27/80
A21C1/02	B01F7/1605	Informative references	Replace with B01F27/805
A23D	B01F17/00	Informative references	Replace with C09K23/00
A23J	B01F17/00	Informative references	Replace with C09K23/00
A23L	B01F17/00	Informative references	Replace with C09K23/00
A23L2/00	B01F3/04099	Limiting references	Replace with B01F23/23
A23L5/00	B01F17/00	Informative references	Replace with C09K23/00
A23P	B01F17/00	Informative references	Replace with C09K23/00
A47G23/00	B01F3/04099	Informative references	Replace with B01F23/23
A61B17/8825	B01F2215/0029	Informative references	Replace with B01F2101/20
A61C9/0026	B01F5/00	Limiting references	Replace with B01F25/00
A61C9/0026	B01F7/00	Limiting references	Replace with B01F27/00
A61H33/028	B01F5/0413	Informative references	Replace with B01F25/312
A61J3/002	B01F13/1058	Informative references	Replace with B01F33/841
A61K8/04	B01F17/00	Informative references	Replace with C09K23/00
A61M1/025	B01F11/00	Informative references	Replace with B01F31/00
A61M16/00	B01F3/04801	Informative references	Replace with B01F23/23611
A61M16/104	B01F3/02	Informative references	Replace with B01F23/10
A61M16/12	B01F3/02	Informative references	Replace with B01F23/10
A61M16/14	B01F3/02	Informative references	Replace with B01F23/10

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A61M16/16	B01F3/04	Informative references	Replace with B01F23/20
A62C5/00	B01F5/0406	Informative references	Replace with B01F25/3111
B01D69/00	B01F3/04241	Limiting references	Replace with B01F23/2312
B01F	B01F1/00	Special rules	Replace with B01F 21/00
B01F	B01F3/00	Special rules	Replace with B01F 23/00
B01F	B01F5/00	Special rules	Replace with B01F 25/00
B01F	B01F7/00	Special rules	Replace with B01F 27/00
B01F	B01F9/00	Special rules	Replace with B01F 29/00
B01F	B01F11/00	Special rules	Replace with B01F 31/00
B01F	B01F13/00	Special rules	Replace with B01F 33/00
B01F	B01F15/00	Special rules	Replace with B01F 35/00
B01F	B01F17/00	Special rules	Replace with C09K 23/00
B01F	B01F1/00	Special rules	Replace with B01F 21/00
B01F	B01F3/00	Special rules	Replace with B01F 23/00
B01F	B01F1/00	Special rules	Replace with B01F 21/00
B01F	B01F1/00	Special rules	Replace with B01F 21/00
B01F	B01F3/00	Special rules	Replace with B01F 23/00
B01F	B01F3/00	Special rules	Replace with B01F 23/00
B01F	B01F13/10	Special rules	Replace with B01F 33/80
B01F	B01F15/00	Special rules	Replace with B01F 35/00
B01F	B01F15/06	Special rules	Replace with B01F 35/90
B01J	B01F3/00	Informative references	Replace with B01F23/00
B01J	B01F15/00	Informative references	Replace with B01F35/00
B01J13/00	B01F17/00	Application-oriented references	Replace with C09K23/00
B01J19/10	B01F11/02	Application-oriented references	Replace with B01F31/80
B01L3/5027	B01F13/0059	Limiting references	Replace with B01F33/30
B01L3/50273	B01F13/0059	Informative references	Replace with B01F33/30
B01L3/502776	B01F13/0059	Limiting references	Replace with B01F33/30
B03D1/00	B01F3/00	Limiting references	Replace with B01F23/00
B03D1/00	B01F3/04	Limiting references	Replace with B01F23/20
B03D1/16	B01F3/04	Limiting references	Replace with B01F23/20
B03D1/24	B01F3/04	Limiting references	Replace with B01F23/20
B05B	B01F5/00	Informative references	Replace with B01F25/00

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B05B	B01F5/20	Limiting references	Replace with B01F25/72
B06B	B01F11/00	Informative references	Replace with B01F31/00
B27N1/0263	B01F5/205	Informative references	Replace with B01F25/721
B28C7/02	B01F15/00123	Informative references	Replace with B01F35/20
B28C9/00	B01F13/10	Informative references	Replace with B01F33/80
B29C31/04	B01F15/0201	Informative references	Replace with B01F35/71
B29C45/581	B01F5/0656	Informative references	Replace with B01F25/434
B29C48/00	B01F3/00	Informative references	Replace with B01F23/00
B29C48/00	B01F5/00	Informative references	Replace with B01F25/00
B29C48/00	B01F7/00	Informative references	Replace with B01F27/00
B44D	B01F13/00	Informative references	Replace with B01F33/00
B44D	B01F15/00	Informative references	Replace with B01F35/00
B65D23/04	B01F13/00	Limiting references	Replace with B01F33/00
B65D81/32	B01F13/0018	Limiting references	Replace with B01F33/501
B65D81/325	B01F13/0016	Informative references	Replace with B01F33/50
B65D88/70	B01F13/0283	Informative references	Replace with B01F33/409
B65D88/706	B01F13/0283	Informative references	Replace with B01F33/409
B65D90/10	B01F15/00779	Informative references	Replace with B01F35/45
B65D90/54	B01F15/00779	Limiting references	Replace with B01F35/45
B65G33/00	B01F7/00	Informative references	Replace with B01F27/00
B67B	B01F15/0205	Informative references	Replace with B01F35/713
B67B7/00	B01F15/0205	Informative references	Replace with B01F35/713
B67B7/92	B01F15/0205	Informative references	Replace with B01F35/713
B67D1/0043	B01F3/08	Informative references	Replace with B01F23/40
B67D1/0043	B01F15/00	Informative references	Replace with B01F35/00

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B67D1/0043	B01F5/00	Informative references	Replace with B01F25/00
B67D1/0043	B01F7/00	Informative references	Replace with B01F27/00
B67D1/0043	B01F13/10	Informative references	Replace with B01F33/80
B67D1/0057	B01F3/04	Informative references	Replace with B01F23/20
B67D1/0057	B01F3/04021	Informative references	Replace with B01F23/213
B67D1/0057	B01F3/04049	Informative references	Replace with B01F23/2132
B67D1/0057	B01F3/04106	Informative references	Replace with B01F23/231
B67D1/0057	B01F3/04531	Informative references	Replace with B01F23/233
B67D1/0057	B01F3/0473	Informative references	Replace with B01F23/234
B67D1/0057	B01F3/04787	Informative references	Replace with B01F23/236
B67D1/0057	B01F5/00	Informative references	Replace with B01F25/00
B67D1/0406	B01F3/04	Informative references	Replace with B01F23/20
B67D1/07	B01F15/00019	Informative references	Replace with B01F35/145
B67D1/07	B01F15/00025	Informative references	Replace with B01F35/1452
B67D1/07	B01F15/00032	Informative references	Replace with B01F35/1453
B81B	B01F13/0059	Informative references	Replace with B01F33/30
B81B	B01F13/0059	Relationship	Replace with B01F33/30
B81C	B01F13/0059	Informative references	Replace with B01F33/30
B81C	B01F13/0059	Relationship	Replace with B01F33/30
C01P2006/22	B01F17/00	Limiting references	Replace with C09K23/00
C02F3/20	B01F3/04099	Informative references	Replace with B01F23/23
C02F3/22	B01F3/04099	Informative references	Replace with B01F23/23
C02F7/00	B01F3/04099	Informative references	Replace with B01F23/23
C04B38/10	B01F17/00	Limiting references	Replace with C09K23/00
C07F	B01F17/00	Informative references	Replace with C09K23/00
C08J3/00	B01F17/00	Relationship	Replace with C09K23/00

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C09D7/00	B01F17/00	Informative references	Replace with C09K23/00
C09D11/00	B01F17/00	Informative references	Replace with C09K23/00
C09K8/58	B01F17/00	Informative references	Replace with C09K23/00
C09K8/584	B01F17/00	Informative references	Replace with C09K23/00
C10L1/10	B01F17/00	Informative references	Replace with C09K23/00
C10L1/103	B01F17/00	Informative references	Replace with C09K23/00
C10L1/32	B01F3/00	Limiting references	Replace with B01F23/00
C10L1/32	B01F17/00	Limiting references	Replace with C09K23/00
C10L1/328	B01F3/00	Limiting references	Replace with B01F23/00
C10L1/328	B01F17/00	Limiting references	Replace with C09K23/00
C10M	B01F17/00	Informative references	Replace with C09K23/00
C11D	B01F17/00	Informative references	Replace with C09K23/00
C12G1/06	B01F3/04099	Informative references	Replace with B01F23/23
C12M27/02	B01F3/04531	Informative references	Replace with B01F23/233
C12M27/02	B01F7/00008	Informative references	Replace with B01F27/05
C12M27/04	B01F3/04539	Informative references	Replace with B01F23/2331
C12M27/06	B01F3/04588	Informative references	Replace with B01F23/2332
C12M27/10	B01F9/00	Informative references	Replace with B01F29/00
C12M27/16	B01F11/00	Informative references	Replace with B01F31/00
C12M27/20	B01F15/00915	Informative references	Replace with B01F35/55
C12M29/06	B01F3/04106	Informative references	Replace with B01F23/231
C12M29/06	B01F5/02	Informative references	Replace with B01F25/20
C12M29/06	B01F5/04	Informative references	Replace with B01F25/30
C12M29/06	B01F5/18	Informative references	Replace with B01F25/70
C12M41/04	B01F3/04446	Informative references	Replace with B01F23/235

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F01N	B01F5/00	Limiting references	Replace with B01F25/00
F16C	B01F15/00662	Application-oriented references	Replace with B01F35/40
F16K99/0001	B01F13/0059	Relationship	Replace with B01F33/30
F17C	B01F3/00	Relationship	Replace with B01F23/00
F17C2265/02	B01F3/02	Informative references	Replace with B01F23/10
F17C2265/025	B01F3/02	Informative references	Replace with B01F23/10
F22G5/00	B01F5/18	Informative references	Replace with B01F25/70
F23D	B01F3/00	Informative references	Replace with B01F23/00
F23D	B01F5/00	Informative references	Replace with B01F25/00
F23D14/62	B01F5/00	Informative references	Replace with B01F25/00
F24F	B01F3/02	Informative references	Replace with B01F23/10
F24F13/04	B01F3/02	Informative references	Replace with B01F23/10
F27D27/00	B01F13/00	Informative references	Replace with B01F33/00
F27D27/00	B01F13/08	Informative references	Replace with B01F33/45
F27D27/00	B01F13/0809	Informative references	Replace with B01F33/451
F28C3/00	B01F3/04	Limiting references	Replace with B01F23/20
G01F11/00	B01F15/0441	Limiting references	Replace with B01F35/88
G01G19/00	B01F15/0445	Informative references	Replace with B01F35/881
G01J3/46	B01F15/0408	Informative references	Replace with B01F35/82
G01J3/46	B01F15/00207	Informative references	Replace with B01F35/213
G01J3/46	B01F15/0408	Informative references	Replace with B01F35/82
G01N21/85	B01F15/00207	Informative references	Replace with B01F35/213
G05D11/00	B01F15/04	Application-oriented references	Replace with B01F35/80
H01F7/00	B01F13/08	Informative references	Replace with B01F33/45

NOTES:

- The CRL tables above are used for changes to locations **<u>outside</u>** of the project scope. Changes to references in scheme titles or definitions <u>inside</u> the project scope will be reflected in the "scheme change" template or one of the "definition" templates.
- In addition to other changes proposed in the tables above, in the column titled "Referenced subclass or group to be changed," **<u>referenced</u>** D symbols should indicate an action of "delete" or should indicate a replacement symbol and **<u>referenced</u>** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.