EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 367

DATE: AUGUST 1, 2017

PROJECT RP0413

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

Action	Subclass	Group(s)
Symbols deleted:	B31B	1/00, 1/02, 1/04, 1/06, 1/08, 1/10, 1/12, 1/14, 1/16, 1/18, 1/20, 1/22, 1/24, 1/25, 1/26, 1/28, 1/30, 1/32, 1/34, 1/36, 1/38, 1/40, 1/42, 1/44, 1/46, 1/48, 1/50, 1/52, 1/54, 1/56, 1/58, 1/60, 1/62, 1/64, 1/66, 1/68, 1/70, 1/72, 1/74, 1/76, 1/78, 1/80, 1/82, 1/84, 1/86, 1/88, 1/90, 1/92, 1/94, 1/96, 1/98
	B31B	3/00, 3/02, 3/14, 3/26, 3/28, 3/30, 3/32, 3/34, 3/36, 3/44, 3/46, 3/48, 3/50, 3/52, 3/60, 3/64, 3/72, 3/74
	B31B	5/00, 5/02, 5/14, 5/26, 5/36, 5/60, 5/74, 5/76, 5/78, 5/80
	B31B	7/00, 7/26, 7/28, 7/30, 7/32, 7/44, 7/46
	B31B	11/00
	B31B	13/00
	B31B	15/00, 15/02
	B31B	17/00, 17/60, 17/74
	B31B	19/00, 19/02, 19/10, 19/14, 19/16, 19/18, 19/20, 19/26, 19/36, 19/52, 19/60, 19/62, 19/64, 19/66, 19/68, 19/74, 19/82, 19/84, 19/86, 19/88, 19/90, 19/92, 19/94, 19/96, 19/98
	B31B	21/00
	B31B	23/00
	B31B	25/00
	B31B	27/00
	B31B	29/00, 29/60, 29/74, 29/84
	B31B	37/00
	B31B	39/00
	B31B	41/00
	B31B	43/00
	B31B	45/00
	B31B	47/00, 47/02, 47/04
	B31B	49/00, 49/02, 49/04
	B31B	2201/00, 2201/02, 2201/0205, 2201/0211, 2201/0217, 2201/0223, 2201/0229, 2201/0235, 2201/0241, 2201/0247, 2201/0252, 2201/0258, 2201/0264, 2201/027, 2201/0276, 2201/0282, 2201/0288, 2201/0294, 2201/14, 2201/141, 2201/142, 2201/143, 2201/145, 2201/146, 2201/147, 2201/148, 2201/22, 2201/223, 2201/226, 2201/24, 2201/25, 2201/252, 2201/255, 2201/257, 2201/26, 2201/2604, 2201/2608, 2201/2612, 2201/2616, 2201/262, 2201/2625, 2201/2629, 2201/2633, 2201/2637, 2201/2641, 2201/2645, 2201/265, 2201/2654, 2201/2658, 2201/2662, 2201/2666, 2201/267, 2201/2675, 2201/2679, 2201/2683, 2201/2687, 2201/2691, 2201/2695, 2201/27, 2201/28, 2201/281, 2201/282, 2201/283, 2201/284, 2201/285, 2201/286, 2201/287, 2201/288, 2201/289, 2201/29, 2201/292, 2201/295, 2201/297, 2201/60, 2201/6004, 2201/6008, 2201/6013, 2201/6017, 2201/6021, 2201/6026,

Action	Subclass	Group(s)
		2201/603, 2201/6034, 2201/6039, 2201/6043, 2201/6047, 2201/6052, 2201/6056, 2201/606, 2201/6065, 2201/6069, 2201/6073, 2201/6078, 2201/6082, 2201/6086, 2201/6091, 2201/6095, 2201/61, 2201/62, 2201/621, 2201/622, 2201/624, 2201/625, 2201/627, 2201/628, 2201/88, 2201/90, 2201/9004, 2201/9009, 2201/9014, 2201/9019, 2201/9023, 2201/9028, 2201/9033, 2201/9038, 2201/9042, 2201/9047, 2201/9052, 2201/9057, 2201/9061, 2201/9066, 2201/9071, 2201/9076, 2201/908, 2201/9085, 2201/909, 2201/9095, 2201/92, 2201/922, 2201/925, 2201/927, 2201/94, 2201/95
	B31B	2203/00, 2203/003, 2203/006, 2203/06, 2203/062, 2203/064, 2203/066, 2203/068, 2203/08, 2203/082, 2203/084, 2203/086, 2203/088, 2203/10, 2203/101, 2203/103, 2203/105, 2203/106, 2203/108
	B31B	2217/00, 2217/0007, 2217/0015, 2217/0023, 2217/003, 2217/0038, 2217/0046, 2217/0053, 2217/0061, 2217/0069, 2217/0076, 2217/0084, 2217/0092, 2217/02, 2217/06, 2217/062, 2217/064, 2217/066, 2217/068, 2217/08, 2217/082, 2217/084, 2217/086, 2217/088, 2217/10, 2217/101, 2217/103, 2217/105, 2217/106, 2217/108
	B31B	2219/00, 2219/02, 2219/022, 2219/024, 2219/026, 2219/028, 2219/14, 2219/141, 2219/142, 2219/143, 2219/145, 2219/146, 2219/147, 2219/148, 2219/22, 2219/225, 2219/23, 2219/25, 2219/252, 2219/255, 2219/257, 2219/26, 2219/2609, 2219/2618, 2219/2627, 2219/2636, 2219/2645, 2219/2654, 2219/2663, 2219/2672, 2219/2681, 2219/269, 2219/28, 2219/29, 2219/60, 2219/6007, 2219/6015, 2219/6023, 2219/603, 2219/6038, 2219/6046, 2219/6053, 2219/6061, 2219/6069, 2219/6076, 2219/6084, 2219/6092, 2219/61, 2219/62, 2219/88, 2219/90, 2219/9003, 2219/9006, 2219/9009, 2219/9012, 2219/9016, 2219/9019, 2219/9022, 2219/9025, 2219/9029, 2219/9032, 2219/9035, 2219/9038, 2219/9041, 2219/9045, 2219/9048, 2219/9051, 2219/9054, 2219/9058, 2219/9061, 2219/9064, 2219/9067, 2219/907, 2219/9074, 2219/9077, 2219/908, 2219/9083, 2219/9087, 2219/909, 2219/9093, 2219/9096, 2219/92, 2219/921, 2219/922, 2219/923, 2219/924, 2219/925, 2219/926, 2219/927, 2219/928, 2219/929, 2219/94, 2219/95
	B31B	2221/00, 2221/05, 2221/055, 2221/10, 2221/102, 2221/105, 2221/107, 2221/20, 2221/25, 2221/40, 2221/402, 2221/405, 2221/407, 2221/50, 2221/60
	B31B	2237/00, 2237/05, 2237/055, 2237/10, 2237/20, 2237/25, 2237/40, 2237/403, 2237/406, 2237/50, 2237/60
Symbols newly created:	B31B	50/00, 50/001, 50/0012, 50/0014, 50/002, 50/003, 50/004, 50/0042, 50/0044, 50/0045, 50/005, 50/006, 50/02, 50/022, 50/024, 50/04, 50/042, 50/044, 50/046, 50/06, 50/062, 50/064, 50/066, 50/07, 50/10, 50/102, 50/104, 50/106, 50/12, 50/14, 50/142, 50/144, 50/146, 50/16, 50/18, 50/20, 50/22, 50/25, 50/252, 50/254, 50/256, 50/26, 50/262, 50/28, 50/282, 50/30,

Action	Subclass	Group(s)
		50/32, 50/322, 50/324, 50/326, 50/34, 50/36, 50/38, 50/40, 50/42, 50/44, 50/442, 50/444, 50/46, 50/48, 50/50, 50/52, 50/54, 50/56, 50/58, 50/585, 50/59, 50/60, 50/61, 50/62, 50/622, 50/624, 50/626, 50/64, 50/642, 50/644, 50/645, 50/648, 50/649, 50/66, 50/68, 50/682, 50/684, 50/686, 50/70, 50/72, 50/722, 50/724, 50/726, 50/73, 50/732, 50/734, 50/74, 50/741, 50/742, 50/743, 50/745, 50/747, 50/75, 50/753, 50/756, 50/76, 50/78, 50/782, 50/784, 50/786, 50/787, 50/788, 50/80, 50/802, 50/804, 50/81, 50/811, 50/812, 50/8121, 50/8122, 50/8123, 50/8124, 50/8125, 50/8126, 50/8127, 50/8128, 50/8129, 50/813, 50/814, 50/8142, 50/8144, 50/82, 50/83, 50/84, 50/85, 50/86, 50/87, 50/88, 50/92, 50/94, 50/96, 50/98, 50/99
	B31B	70/00, 70/001, 70/002, 70/003, 70/004, 70/005, 70/006, 70/008, 70/02, 70/022, 70/024, 70/04, 70/10, 70/14, 70/142, 70/144, 70/146, 70/148, 70/16, 70/18, 70/20, 70/25, 70/252, 70/254, 70/256, 70/26, 70/261, 70/262, 70/266, 70/28, 70/30, 70/36, 70/44, 70/52, 70/56, 70/58, 70/60, 70/61, 70/62, 70/626, 70/628, 70/64, 70/642, 70/643, 70/644, 70/645, 70/648, 70/649, 70/66, 70/68, 70/74, 70/76, 70/79, 70/81, 70/812, 70/8122, 70/8123, 70/813, 70/8131, 70/8132, 70/8133, 70/8134, 70/8135, 70/8136, 70/8137, 70/82, 70/822, 70/826, 70/83, 70/84, 70/844, 70/85, 70/853, 70/855, 70/857, 70/859, 70/86, 70/864, 70/866, 70/868, 70/87, 70/872, 70/874, 70/876, 70/88, 70/92, 70/94, 70/942, 70/946, 70/96, 70/98, 70/982, 70/984, 70/986, 70/988, 70/99
	B31B	2100/00, 2100/002, 2100/0022, 2100/0024, 2100/0026, 2100/0028
	B31B	2105/00, 2105/001, 2105/002, 2105/0022, 2105/0024, 2105/0025, 2105/0027
	B31B	2110/00, 2110/10, 2110/20, 2110/30, 2110/35, 2110/40
	B31B	2120/00, 2120/002, 2120/004, 2120/10, 2120/102, 2120/20, 2120/25, 2120/30, 2120/302, 2120/40, 2120/402, 2120/404, 2120/406, 2120/407, 2120/408, 2120/50, 2120/501, 2120/502, 2120/60, 2120/70
	B31B	2150/00, 2150/001, 2150/0012, 2150/0014, 2150/0016, 2150/002, 2150/003, 2150/10, 2150/20
	B31B	2155/00, 2155/001, 2155/0012, 2155/0014, 2155/002, 2155/003
	B31B	2160/00, 2160/10, 2160/102, 2160/104, 2160/106, 2160/20, 2160/30
	B31B	2170/00, 2170/10, 2170/20, 2170/202, 2170/204, 2170/30
Title wording changes:	B31	class
	B31B	subclass
	B31B	2247/00
	B31C	subclass
	B31C	1/00

Action	Subclass	Group(s)
	B31C	3/00
	B31C	5/00
	B31C	7/00
	B31C	11/00
	B31D	subclass
	B31D	1/00
	B31D	3/04
	B31D	5/00, 5/04
	B31F	subclass
	B31F	1/008
	B31F	1/00, 1/12, 1/20
	B31F	5/00
	B31F	7/00, 7/02
Deleted Definitions:	B31B	1/00
	B31B	3/00
	B31B	5/00
	B31B	7/00
	B31B	11/00
	B31B	13/00
	B31B	15/00
	B31B	17/00
	B31B	19/00
	B31B	29/00
	B31B	43/00
	B31B	45/00
	B31B	47/00
	B31B	49/00
	B31B	2221/05
	B31B	2241/00
	B31B	2247/00
Modified Definitions:	B31B	subclass
	B31B	2201/00
	B31B	2201/0205
	B31B	2201/0235
	B31B	2201/0288
	B31B	2201/14
	B31B	2201/226
	B31B	2201/24
	B31B	2201/25
	B31B	2201/26

Action	Subclass	Group(s)
	B31B	2201/2604
	B31B	2201/2666
	B31B	2201/28
	B31B	2201/29
	B31B	2201/6004
	B31B	2201/90
	B31B	2201/9009
	B31B	2201/9019
	B31B	2201/9033
	B31B	2201/9061
	B31B	2201/9085
	B31B	2201/92
	B31B	2201/92333
	B31B	2203/00
	B31B	2219/00
	B31B	2219/022
	B31B	2219/024
	B31B	2219/14
	B31B	2219/23
	B31B	2219/25
	B31B	2219/26
	B31B	2219/28
	B31B	2219/29
	B31B	2219/9003
	B31B	2219/9003
	B31B	2219/9012
	B31B	2219/9016
	B31B	2219/9019
	B31B	2219/9022
	B31B	2219/9029
	B31B	2219/9032
	B31B	2219/9051
	B31B	2219/9074
	B31B	2219/92
	B31B	2221/00
	B31B	2237/00
	B31B	2237/50
	B31C	subclass
	B31C	9/00

Action	Subclass	Group(s)
	B31D	subclass
	B31D	1/005
	B31D	5/00
	B31D	5/0004
	B31D	5/04
	B31F	subclass
	B31F	1/008
	B31F	1/0096
	B31F	1/08
	B31F	5/00
	B31F	7/00
Renumbered Definitions:	B31B	2201/00 renumbered to 50/00
	B31B	2201/0205 renumbered to 50/12
	B31B	2201/0235 renumbered to 50/04
	B31B	2201/0288 renumbered to 50/022
	B31B	2201/14 renumbered to 50/14
	B31B	2201/226 renumbered to 50/0014
	B31B	2201/24 renumbered to 50/002
	B31B	2201/25 renumbered to 50/25
	B31B	2201/26 renumbered to 50/26
	B31B	2201/2604 renumbered to 50/28
	B31B	2201/2666 renumbered to 50/46
	B31B	2201/28 renumbered to 50/76
	B31B	2201/29 renumbered to 50/004
	B31B	2201/6004 renumbered to 50/61
	B31B	2201/90 renumbered to 50/81
	B31B	2201/9009 renumbered to 50/812

Action	Subclass	Group(s)
	B31B	2201/9019 renumbered to 50/8122
	B31B	2201/9033 renumbered to 50/8123
	B31B	2201/9061 renumbered to 50/814
	B31B	2201/9085 renumbered to 50/84
	B31B	2201/92 renumbered to 50/92
	B31B	2203/00 renumbered to 2100/00
	B31B	2219/00 renumbered to 70/00
	B31B	2219/022 renumbered to 70/10
	B31B	2219/024 renumbered to 70/04
	B31B	2219/14 renumbered to 70/14
	B31B	2219/23 renumbered to 70/008
	B31B	2219/25 renumbered to 70/25
	B31B	2219/26 renumbered to 70/26
	B31B	2219/28 renumbered to 70/003
	B31B	2219/29 renumbered to 70/004
	B31B	2219/9003 renumbered to 70/812
	B31B	2219/9012 renumbered to 70/813
	B31B	2219/9016 renumbered to 70/8131
	B31B	2219/9019 renumbered to 70/8132
	B31B	2219/9022 renumbered to 70/8133
	B31B	2219/9029 renumbered to 70/8135
	B31B	2219/9032 renumbered to 70/8136
	B31B	2219/9051 renumbered to 70/84
	B31B	2219/9074 renumbered to 70/86

Action	Subclass	Group(s)
	B31B	2219/92 renumbered to 70/92
	B31B	2221/00 renumbered to 2150/00
	B31B	2237/00 renumbered to 2155/00
	B31B	2237/50 renumbered to 2155/002
Scheme Warning Notices to be deleted:	B31B	subclass
Scheme Warning Notices to be added:	B31B	50/00
	B31B	50/02
	B31B	50/022
	B31B	50/06
	B31B	50/07
	B31B	50/12
	B31B	50/14
	B31B	50/142
	B31B	50/16
	B31B	50/18
	B31B	50/20
	B31B	50/26
	B31B	50/262
	B31B	50/28
	B31B	50/36
	B31B	50/38
	B31B	50/44
	B31B	50/442
	B31B	50/46
	B31B	50/48
	B31B	50/52
	B31B	50/54
	B31B	50/56
	B31B	50/59
	B31B	50/60
	B31B	50/61
	B31B	50/62
	B31B	50/64
	B31B	50/642
	B31B	50/66
	B31B	50/68

Action	Subclass	Group(s)
	B31B	50/72
	B31B	50/734
	B31B	50/74
	B31B	50/741
	B31B	50/742
	B31B	50/76
	B31B	50/81
	B31B	50/811
	B31B	50/82
	B31B	50/83
	B31B	50/84
	B31B	50/85
	B31B	50/86
	B31B	50/99
	B31B	70/008
	B31B	70/14
	B31B	70/60
	B31B	70/61
	B31B	70/74
	B31B	70/76
	B31B	70/79
	B31B	70/81
	B31B	70/82
	B31B	70/822
	B31B	70/83
	B31B	70/84
	B31B	70/844
	B31B	70/86
	B31B	70/876
	B31B	70/88
	B31B	70/99
	B31B	2100/00
	B31B	2100/002
	B31B	2105/00
	B31B	2105/001
	B31B	2110/00
	B31B	2110/10
	B31B	2120/00
	B31B	2120/002
	B31B	2150/00
	B31B	2150/001

Action	Subclass	Group(s)
	B31B	2155/00
	B31B	2155/001
	B31B	2160/00
	B31B	2160/10
	B31B	2160/102
	B31B	2160/20
	B31B	2170/00
	B31B	2170/10
	B31B	2170/30
	B31B	2241/00
	B31B	2247/00
	B31D	1/00
	B31D	3/00
	B31D	5/00
	B31D	5/02
	B31D	5/0039
	B31D	5/04
	B31D	99/00
	B31F	1/0041
	B31F	1/008
	B31F	1/009
	B31F	5/00
Scheme Notes to be added:	B31B	50/00
	B31B	70/00
Scheme Notes to be modified:	B31	class
	B31B	subclass
Scheme Notes to be deleted:	B31B	1/00
	B31B	11/00
	B31B	17/00
	B31B	49/00
Guidance Headings to be deleted:	B31B	3/00
	B31B	19/00
Guidance Headings to be added:	B31B	2100/00
	B31B	2150/00

The following subclasses/groups are also impacted by this Notice of Changes:

A44B, A47F, B29C, B42B, B43M, B65B, B65D, B65H

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 Notice(s)

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

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

2. DEFINITIONS (New or Modified)

   ☐ A. DEFINITIONS (Full definition template)

   ☒ B. DEFINITIONS (Definitions Quick Fix)

3. ☒ REVISION CONCORDANCE LIST (RCL)

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

5. ☒ CROSS-REFERENCE LIST (CRL)

1. CLASSIFICATION SCHEME CHANGES

    A. New, Modified or Deleted Group(s)

CLASS B31 - MAKING ARTICLES OF PAPER OR CARDBOARD; WORKING PAPER OR CARDBOARD

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	B31		MAKING ARTICLES OF PAPER, CARDBOARD OR MATERIAL WORKED IN A MANNER ANALOGOUS TO PAPER; WORKING PAPER, CARDBOARD OR MATERIAL WORKED IN A MANNER ANALOGOUS TO PAPER	

SUBCLASS B31B - MAKING BOXES, CARTONS, ENVELOPES OR BAGS OF PAPER OR CARDBOARD

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	B31B		MAKING CONTAINERS OF PAPER, CARDBOARD OR MATERIAL WORKED IN A MANNER ANALOGOUS TO PAPER (making wound articles, e.g. wound tubes, B31C; combined making and filling B65B)	
D	B31B1/00	0	Box, carton, envelope or bag making machinery characterised by performing specific operations (machinery for performing operations of general application, see the appropriate subclasses)	<administrative transfer to B31B50/00>
D	B31B1/02	1	Feeding or positioning sheets, blanks, or webs	<administrative transfer to B31B50/02>
D	B31B1/04	2	Feeding sheets or blanks	<administrative transfer to B31B50/04>
D	B31B1/06	3	from stacks {(B31B5/76 takes precedence)}	<administrative transfer to B31B50/06>
D	B31B1/08	3	during envelope or bag-making operations	<administrative transfer to B31B70/04>
D	B31B1/10	2	Feeding or positioning webs	<administrative transfer to B31B50/10>
D	B31B1/12	2	by air pressure or suction {(B31B1/06 takes precedence)}	<administrative transfer to B31B50/02

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B1/14	1	Cutting, e.g. perforating, punching, slitting, trimming {(means for removing cut-out material or waste B26D7/18)}	<administrative transfer to B31B50/14>
D	B31B1/16	2	Cutting webs to form sheets or blanks	<administrative transfer to B31B50/16>
D	B31B1/18	2	Slitting webs longitudinally	<administrative transfer to B31B50/18>
D	B31B1/20	2	Cutting sheets or blanks {, e.g. cutting corners, or involving scoring or printing or embossing (surface scoring per se B31B1/25; printing or embossing per se B31B1/88)}	<administrative transfer to B31B50/20>
D	B31B1/22	3	Notching; Trimming edges of flaps	<administrative transfer to B31B50/22>
D	B31B1/24	3	Making window openings	<administrative transfer to B31B50/83>
D	B31B1/25	1	Surface scoring (cutting through material B31B 1/14)	<administrative transfer to B31B50/25>
D	B31B1/26	1	Folding sheets, blanks, or webs	<administrative transfer to B31B50/26>
D	B31B1/28	2	around mandrels, including bottom-forming operations	<administrative transfer to B31B50/28>
D	B31B1/30	3	the mandrels moving	<administrative transfer to B31B50/30>
D	B31B1/32	4	in circular paths	<administrative transfer to B31B50/32>
D	B31B1/34	4	about their own axes	<administrative transfer to B31B50/34>
D	B31B1/36	2	by continuously feeding same to stationary members, e.g. plates, ploughs, cores	<administrative transfer to B31B50/36>
D	B31B1/38	3	the members being forming-tubes	<administrative transfer to B31B50/38>
D	B31B1/40	4	acting internally	<administrative transfer to B31B50/40>
D	B31B1/42	4	acting externally	<administrative transfer to B31B50/42>
D	B31B1/44	2	by plungers moving through folding dies	<administrative transfer to B31B50/44>
D	B31B1/46	3	and interconnecting side walls during such movement	<administrative transfer to B31B50/46>
D	B31B1/48	4	by folding or tucking-in locking flaps	<administrative transfer to B31B50/48>
D	B31B1/50	5	by interengaging tongues and slots	<administrative transfer to B31B50/50>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B1/52	2	by reciprocating or oscillating members, e.g. fingers, other than plungers or dies	<administrative transfer to B31B50/52>
D	B31B1/54	3	operating on moving material	<administrative transfer to B31B50/54>
D	B31B1/56	2	by rotary members co-operating with blades	<administrative transfer to B31B50/56>
D	B31B1/58	2	by moving endless belts	<administrative transfer to B31B50/58>
D	B31B1/60	1	Uniting opposed surfaces or edges; Taping	<administrative transfer to B31B50/60>
D	B31B1/62	2	by adhesives	<administrative transfer to B31B50/62>
D	B31B1/64	2	by applying heat or pressure	<administrative transfer to B31B50/64>
D	B31B1/66	3	high-frequency electric heating	<administrative transfer to B31B50/66>
D	B31B1/68	2	by stitching, stapling, or riveting	<administrative transfer to B31B50/68>
D	B31B1/70	3	by corner stapling	<administrative transfer to B31B50/70>
D	B31B1/72	2	by applying or securing strips or sheets {(on already formed boxes B31B3/72; delivering and applying strips, sheets, tape in general B65H35/00)}	<administrative transfer to B31B50/72>
D	B31B1/74	1	Auxiliary operations; {Parts; Components}	<administrative transfer to B31B50/74>
D	B31B1/76	2	Opening or distending flattened articles	<administrative transfer to B31B50/76>
D	B31B1/78	3	mechanically	<administrative transfer to B31B50/78>
D	B31B1/80	3	pneumatically	<administrative transfer to B31B50/80>
D	B31B1/82	2	Attaching windows	<administrative transfer to B31B50/82>
D	B31B1/84	2	Forming valves or applying valve inserts; {Applying rigid valves, spouts, filling tubes}(connection of valves to inflatable elastic bodies B60C29/00)	<administrative transfer to B31B50/84>
D	B31B1/86	2	Forming integral handles or mounting separate handles (making separate handles by multi-step processes B31D1/06)	<administrative transfer to B31B50/86>
D	B31B1/88	2	Printing or embossing	<administrative transfer to B31B50/88>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B1/90	2	Attaching accessories not otherwise provided for, e.g. opening or closure devices, tear strings	\<administrative transfer to B31B50/81\>
D	B31B1/92	2	Delivering {(B31B 19/92 takes precedence)}	\<administrative transfer to B31B50/92\>
D	B31B1/94	3	singly or in succession	\<administrative transfer to B31B50/94\>
D	B31B1/96	4	in overlapping arrangement	\<administrative transfer to B31B50/96\>
D	B31B1/98	3	in stacks or bundles	\<administrative transfer to B31B50/98\>
D	B31B3/00	0	Machinery characterised by making boxes or cartons by folding single-piece sheets, blanks, or webs (B31B 5/00 takes precedence)	\<administrative transfer to B31B50/00 and B31B2100/00 simultaneously\>
D	B31B3/02	1	and having means for feeding or positioning sheets, blanks, or webs {(not used; see B31B 1/02)}	\<administrative transfer to B31B50/02 and B31B2100/00 simultaneously\>
D	B31B3/14	1	and having means for cutting, e.g. perforating, punching, slitting, trimming {(not used; see B31B 1/14)}	\<administrative transfer to B31B50/14 and B31B2100/00 simultaneously\>
D	B31B3/26	1	and having means for folding sheets, blanks, or webs	\<administrative transfer to B31B50/26 and B31B2100/00 simultaneously\>
D	B31B3/28	2	around mandrels, including bottom-forming operations	\<administrative transfer to B31B50/28 and B31B2100/00 simultaneously\>
D	B31B3/30	3	the mandrels moving {, e.g. with independent mandrels or with mandrels fixed on an endless chain}	\<administrative transfer to B31B50/30 and B31B2100/00 simultaneously\>
D	B31B3/32	4	in circular paths {, e.g. with radially extending mandrels on a rotating drum}	\<administrative transfer to B31B50/32 and B31B2100/00 simultaneously\>
D	B31B3/34	4	about their own axes	\<administrative transfer to B31B50/34 and B31B2100/00 simultaneously\>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B3/36	2	by continuously feeding same to stationary members, e.g. plates, ploughs, cores	\<administrative transfer to B31B50/36 and B31B2100/00 simultaneously>
D	B31B3/44	2	by plungers moving through folding dies	\<administrative transfer to B31B50/44 and B31B2100/00 simultaneously>
D	B31B3/46	3	and interconnecting side walls during such movement	\<administrative transfer to B31B50/46 and B31B2100/00 simultaneously>
D	B31B3/48	4	by folding or tucking-in locking flaps	\<administrative transfer to B31B50/48 and B31B2100/00 simultaneously>
D	B31B3/50	5	by interengaging tongues and slots	\<administrative transfer to B31B50/50 and B31B2100/00 simultaneously>
D	B31B3/52	2	by reciprocating or oscillating members, e.g. fingers, other than plungers and dies	\<administrative transfer to B31B50/52 and B31B2100/00 simultaneously>
D	B31B3/60	1	and having means for uniting opposed surfaces or edges, or for taping	\<administrative transfer to B31B50/60 and B31B2100/00 simultaneously>
D	B31B3/64	2	by applying heat or pressure	\<administrative transfer to B31B50/64 and B31B2100/00 simultaneously>
D	B31B3/72	2	by applying and securing strips or sheets {on already formed boxes}	\<administrative transfer to B31B50/72 and B31B2100/00 simultaneously>
D	B31B3/74	1	and having means for effecting auxiliary operations	\<administrative transfer to B31B50/74 and B31B2100/00 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B5/00	0	Machinery characterised by making boxes or cartons by folding single-piece sheets which can be set-up from a collapsed condition, including setting-up and recollapsing to break creases	<administrative transfer to B31B50/00, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/02	1	and having means for feeding or positioning sheets {(not used; see B31B 1/02)}	<administrative transfer to B31B50/02, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/14	1	and having means for cutting, e.g. perforating, punching, slitting, trimming {(not used; see B31B 1/14)}	<administrative transfer to B31B50/14, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/26	1	and having means for folding sheets, blanks, or webs	<administrative transfer to B31B50/26, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/36	2	by continuously feeding same to stationary members, e.g. plates, ploughs, cores	<administrative transfer to B31B50/36, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/60	1	and having means for uniting opposed surfaces or edges, or for taping	<administrative transfer to B31B50/60, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/74	1	and having means for effecting auxiliary operations	<administrative transfer to B31B50/74, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/76	2	Opening or distending flattened articles {, e.g. collapsed blanks, including arrangements therefor; Setting-up of boxes}	<administrative transfer to B31B50/76, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/78	3	mechanically	<administrative transfer to B31B50/78, B31B2100/00 and B31B2120/30 simultaneously>
D	B31B5/80	3	pneumatically {, i.e. with suction cups for totally or partially opening the collapsed blanks or by introducing a jet of gas into the collapsed blanks, e.g. with means for recollapsing or breaking creases}	<administrative transfer to B31B50/80, B31B2100/00 and B31B2120/30 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B7/00	0	Machinery characterised by making lined or internally-reinforced boxes or cartons (B31B 11/00 takes precedence)	\<administrative transfer to B31B50/00 and B31B2120/40 simultaneously>
D	B31B7/26	1	and having means for folding sheets, blanks, or webs	\<administrative transfer to B31B50/26 and B31B2120/40 simultaneously>
D	B31B7/28	2	around mandrels, including bottom-forming operations	\<administrative transfer to B31B50/28 and B31B2120/40 simultaneously>
D	B31B7/30	3	the mandrels moving {with independent mandrels or with mandrels fixed on an endless chain}	\<administrative transfer to B31B50/30 and B31B2120/40 simultaneously>
D	B31B7/32	4	in circular paths {, e.g. with radially extending mandrels on a rotating drum}	\<administrative transfer to B31B50/32 and B31B2120/40 simultaneously>
D	B31B7/44	2	by plungers moving through folding dies	\<administrative transfer to B31B50/44 and B31B2120/40 simultaneously>
D	B31B7/46	3	and interconnecting side walls during such movement	\<administrative transfer to B31B50/46 and B31B2120/40 simultaneously>
D	B31B11/00	0	Machinery characterised by making boxes or cartons having partitions or like inserts not integral with walls (making partitions, inserts, or reinforcements for boxes or cartons B31D)	\<administrative transfer to B31B50/00 and B31B2120/25 simultaneously>
D	B31B13/00	0	Machinery characterised by assembling drawer-and-shell boxes or cartons	\<administrative transfer to B31B50/00 and B31B2120/60 simultaneously>
D	B31B15/00	0	Machinery characterised by making covered or externally-reinforced boxes or cartons {(B31B7/00 takes precedence)}	\<administrative transfer to B31B50/00 and B31B2120/50 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B15/02	1	and having means for feeding or positioning sheets, blanks, or webs	<administrative transfer to B31B50/02 and B31B2120/50 simultaneously>
D	B31B17/00	0	Machinery characterised by making other boxes or cartons by assembling several separate sheets, blanks, or webs	<administrative transfer to B31B50/00 and B31B2105/00 simultaneously>
D	B31B17/60	1	and having means for uniting opposed surfaces or edges, or for taping	<administrative transfer to B31B50/60 and B31B2105/00 simultaneously>
D	B31B17/74	1	and having means for effecting auxiliary operations	<administrative transfer to B31B50/00 and B31B2105/00 simultaneously>
D	B31B19/00	0	Machinery characterised by making rectangular envelopes or bags of flat form, i.e. without structural provision at the base for thickness of contents (B31B21/00, B31B23/00 take precedence)	<administrative transfer to B31B70/00 and B31B2160/10 simultaneously>
D	B31B19/02	1	and having means for feeding or positioning sheets, blanks, or webs	<administrative transfer to B31B70/02 and B31B2160/10 simultaneously>
D	B31B19/10	2	Feeding or positioning webs	<administrative transfer to B31B70/10 and B31B2160/10 simultaneously>
D	B31B19/14	1	and having means for cutting, e.g. perforating, punching, slitting, trimming	<administrative transfer to B31B70/14 and B31B2160/10 simultaneously>
D	B31B19/16	2	Cutting webs to form sheets or blanks	<administrative transfer to B31B70/16 and B31B2160/10 simultaneously>
D	B31B19/18	2	Slitting webs longitudinally	<administrative transfer to B31B70/18 and B31B2160/10 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B19/20	2	Cutting sheets or blanks, {e.g. applying corner cuts}	<administrative transfer to B31B70/20 and B31B2160/10 simultaneously>
D	B31B19/26	1	and having means for folding sheets, blanks, or webs	<administrative transfer to B31B70/26 and B31B2160/10 simultaneously>
D	B31B19/36	2	by continuously feeding same to stationary members, e.g. plates, ploughs, cores	<administrative transfer to B31B70/36 and B31B2160/10 simultaneously>
D	B31B19/52	2	by reciprocating or oscillating members, e.g. fingers, other than plungers or dies	<administrative transfer to B31B70/52 and B31B2160/10 simultaneously>
D	B31B19/60	1	and having means for uniting opposed surfaces or edges, or for taping	<administrative transfer to B31B70/60 and B31B2160/10 simultaneously>
D	B31B19/62	2	by adhesives	<administrative transfer to B31B70/62 and B31B2160/10 simultaneously>
D	B31B19/64	2	by applying heat or pressure {(for block bottom bags B31B29/60)}	<administrative transfer to B31B70/64 and B31B2160/10 simultaneously>
D	B31B19/66	3	high-frequency electric heating	<administrative transfer to B31B70/66 and B31B2160/10 simultaneously>
D	B31B19/68	2	by stitching, stapling or riveting	<administrative transfer to B31B70/68 and B31B2160/10 simultaneously>
D	B31B19/74	1	Auxiliary operations; {Parts; Components}	<administrative transfer to B31B70/74 and B31B2160/10 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B19/82	2	Attaching windows	\<administrative transfer to B31B70/82 and B31B2160/10 simultaneously>
D	B31B19/84	2	Forming valves or applying valve inserts	\<administrative transfer to B31B70/84 and B31B2160/10 simultaneously>
D	B31B19/86	2	Forming integral handles or mounting separate handles (making separate handles by multi-step processes B31D 1/06)	\<administrative transfer to B31B70/86 and B31B2160/10 simultaneously>
D	B31B19/88	2	Printing or embossing	\<administrative transfer to B31B70/88 and B31B2160/10 simultaneously>
D	B31B19/90	2	Attaching accessories not otherwise provided for, e.g. opening or closure devices, tear strings {patches}	\<administrative transfer to B31B70/81 and B31B2160/10 simultaneously>
D	B31B19/92	2	Delivering	\<administrative transfer to B31B70/92 and B31B2160/10 simultaneously>
D	B31B19/94	3	singly or in succession	\<administrative transfer to B31B70/94 and B31B2160/10 simultaneously>
D	B31B19/96	4	in overlapping arrangement	\<administrative transfer to B31B70/96 and B31B2160/10 simultaneously>
D	B31B19/98	3	in stacks or bundles	\<administrative transfer to B31B70/98 and B31B2160/10 simultaneously>
D	B31B21/00	0	Machinery characterised by making rectangular envelopes or bags of flat form, i.e. without structural provision at the base for thickness of contents, from sheets or blanks, e.g. from flattened tubes {, e.g. making mailing envelopes}	\<administrative transfer to B31B70/00, B31B2150/00, and B31B2160/10 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B23/00	0	Machinery characterised by making rectangular envelopes or bags of flat form, i.e. without structural provision at the base for thickness of contents, from webs, e.g. from flattened tubular webs (machinery characterised by cutting sheets or blanks from webs and working them to form such envelopes or bags B31B 21/00)	<administrative transfer to B31B70/00, B31B2155/00, and B31B2160/10 simultaneously>
D	B31B25/00	0	Machinery characterised by making pointed or tapered envelopes or bags	<administrative transfer to B31B70/00 and B31B2160/30 simultaneously>
D	B31B27/00	0	Machinery characterised by making interconnected envelopes or bags	<administrative transfer to B31B70/00 and B31B2170/00 simultaneously>
D	B31B29/00	0	Machinery characterised by making envelopes or bags with structural provision at the base for thickness or contents (B31B31/00 - B31B37/00 take precedence; {B31B31/00, B31B33/00, B31B35/00 takes precedence})	<administrative transfer to B31B70/00 and B31B2160/20 simultaneously>
D	B31B29/60	1	and having means for uniting opposed surfaces or edges, or for taping	<administrative transfer to B31B70/60 and B31B2160/20 simultaneously>
D	B31B29/74	1	and having means for effecting auxiliary operations	<administrative transfer to B31B70/74 and B31B2160/20 simultaneously>
D	B31B29/84	2	Forming valves or applying valve inserts	<administrative transfer to B31B70/84 and B31B2160/20 simultaneously>
D	B31B37/00	0	Machinery characterised by making envelopes or bags with structural provision at the base for thickness of contents from webs, e.g. from tubular webs (machinery characterised by cutting sheets and blanks from webs and working them to form such envelopes or bags B31B21/00)	<administrative transfer to B31B70/00, B31B2155/00 and B31B2160/20 simultaneously>
D	B31B39/00	0	Machinery characterised by making lined envelopes or bags	<administrative transfer to B31B70/00 and B31B2170/00 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B41/00	0	Machinery characterised by making envelopes or bags of other specific form or construction {, i.e. not particularly otherwise provided for}	\<administrative transfer to B31B70/00 and B31B2160/00 simultaneously\>
D	B31B43/00	0	Machinery characterised by making containers by shaping, other- wise than folding, sheet material under pressure	\<administrative transfer to B31B50/59\>
D	B31B45/00	0	Machinery characterised by making containers having corrugated or pleated walls	\<administrative transfer to B31B50/00 and B31B2120/70 simultaneously\>
D	B31B47/00	0	Hand tools for making envelopes, bags, boxes or cartons	\<administrative transfer to B31B50/99\>
D	B31B47/02	1	for making envelopes or bags without preshaped bottoms	\<administrative transfer to B31B70/99 and B31B2160/10 simultaneously\>
D	B31B47/04	1	for making envelopes or bags with preshaped bottoms	\<administrative transfer to B31B70/99 and B31B2160/20 simultaneously\>
D	B31B49/00	0	Machinery, accessories or processes not provided for in B31B1/00 - B31B47/00 (forms or constructions of boxes, cartons, envelopes or bags B65D)	\<administrative transfer to B31B50/00 and B31B70/00 simultaneously\>
D	B31B49/02	1	for making boxes or cartons	\<administrative transfer to B31B50/00\>
D	B31B49/04	1	for making envelopes or bags	\<administrative transfer to B31B70/00\>
Q	B31B50/00	0	Making rigid or semi-rigid containers, e.g. boxes or cartons	B31B50/00, B31B50/59
N	B31B50/001	1	{Shaping, other than by folding, sheet material under pressure}	
N	B31B50/0012	2	{using punches or dies}	
N	B31B50/0014	2	{Modifying the shape of tubular boxes or of paper bottle necks}	
N	B31B50/002	1	{Prebreaking}	
N	B31B50/003	1	{Straightening the side walls of boxes; Squaring collapsed folded box blanks; Deforming boxes}	
N	B31B50/004	1	{Closing boxes}	
N	B31B50/0042	2	{the boxes having their opening facing in horizontal direction}	
N	B31B50/0044	2	{the boxes having their opening facing upwardly}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B50/0045	2	{the boxes being cylindrical}	
N	B31B50/005	1	{involving a particular layout of the machinery or relative arrangement of its subunits}	
N	B31B50/006	1	{Controlling; Regulating; Measuring; Improving safety}	
Q	B31B50/02	1	Feeding or positioning sheets, blanks or webs	B31B50/02, B31B50/022, B31B50/024, B31B50/04, B31B50/042, B31B50/044, B31B50/046, B31B50/06, B31B50/062, B31B50/064, B31B50/066, B31B50/07, B31B50/10, B31B50/102, B31B50/104, B31B50/106, B31B50/12
N	B31B50/022	2	{Holders for feeding or positioning blanks or webs}	
N	B31B50/024	3	{Rotating holders, e.g. star wheels, drums}	
N	B31B50/04	2	Feeding sheets or blanks	
N	B31B50/042	3	{using rolls, belts or chains}	
N	B31B50/044	3	{involving aligning}	
N	B31B50/046	3	{involving changing orientation or changing direction of transport}	
N	B31B50/06	3	from stacks	
N	B31B50/062	4	{from the underside of a magazine}	
N	B31B50/064	5	{by being moved in the plane they are lying in}	
N	B31B50/066	4	{from above a magazine}	
N	B31B50/07	3	by air pressure or suction	
N	B31B50/10	2	Feeding or positioning webs	
N	B31B50/102	3	{using rolls, belts or chains}	
N	B31B50/104	3	{involving aligning}	
N	B31B50/106	3	{involving changing orientation or changing direction of transport}	
N	B31B50/12	3	by air pressure or suction	
Q	B31B50/14	1	Cutting, e.g. perforating, punching, slitting or trimming (cutting window openings B31B 50/83)	B31B50/14, B31B50/142, B31B50/144, B31B50/146, B31B50/16, B31B50/18, B31B50/20, B31B50/22, B31B50/83
N	B31B50/142	2	{using presses or dies}	
N	B31B50/144	2	{using tools mounted on belts or chains}	
N	B31B50/146	2	{using tools mounted on a drum}	
Q	B31B50/16	2	Cutting webs	B31B50/16, B31B50/18

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B50/18	3	longitudinally	
N	B31B50/20	2	Cutting sheets or blanks	
N	B31B50/22	3	Notching; Trimming edges of flaps	
N	B31B50/25	1	Surface scoring	
N	B31B50/252	2	{using presses or dies}	
N	B31B50/254	2	{using tools mounted on belts or chains}	
N	B31B50/256	2	{using tools mounted on a drum}	
Q	B31B50/26	1	Folding sheets, blanks or webs	B31B50/26, B31B50/262, B31B50/28, B31B50/282, B31B50/30, B31B50/32, B31B50/322, B31B50/324, B31B50/326, B31B50/34, B31B50/36, B31B50/38, B31B50/40, B31B50/42, B31B50/44, B31B50/442, B31B50/444, B31B50/46, B31B50/48, B31B50/50, B31B50/52, B31B50/54, B31B50/56, B31B50/58, B31B50/585
N	B31B50/262	2	{involving folding, leading, or trailing flaps of blanks}	
N	B31B50/28	2	around mandrels, e.g. for forming bottoms	
N	B31B50/282	3	{involving stripping-off formed boxes from mandrels}	
N	B31B50/30	3	the mandrels moving	
N	B31B50/32	4	in circular paths	
N	B31B50/322	5	{the mandrels extending radially from the periphery of a drum}	
N	B31B50/324	5	{the mandrels being parallel to the axis of a drum}	
N	B31B50/326	5	{the mandrels extending tangentially to the periphery of a drum}	
N	B31B50/34	4	about their own axes	
Q	B31B50/36	2	by continuously feeding the sheets, blanks or webs to stationary members, e.g. plates, ploughs or cores	B31B50/36, B31B50/38, B31B50/40, B31B50/42
N	B31B50/38	3	the members being forming-tubes	
N	B31B50/40	4	acting internally	
N	B31B50/42	4	acting externally	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
Q	B31B50/44	2	by plungers moving through folding dies	B31B 50/44, B31B 50/442, B31B 50/444
N	B31B50/442	3	{having several cooperating plungers and dies fitted on a rotating table or on moving chains}	
N	B31B50/444	3	{having several plungers moving in a closed path and cooperating with stationary folding dies}	
Q	B31B50/46	3	and interconnecting side walls	B31B50/46, B31B50/48, B31B50/50
N	B31B50/48	4	by folding or tucking in locking flaps	
N	B31B50/50	5	by interengaging tongues and slots	
Q	B31B50/52	2	by reciprocating or oscillating members, e.g. fingers (by plungers moving through folding dies B31B 50/44)	B31B50/52, B31B50/54, B31B50/44, B31B50/442, B31B50/444, B31B50/46, B31B50/48, B31B50/50
Q	B31B50/54	3	operating on moving material	B31B50/54, B31B50/44, B31B50/442, B31B50/444, B31B50/46, B31B50/48, B31B50/50
N	B31B50/56	2	by rotary members co-operating with blades	
N	B31B50/58	2	by moving endless belts {or chains}	
N	B31B50/585	2	by air jets	
N	B31B50/59	1	Shaping sheet material under pressure (by folding B31B 50/26; embossing B31B 50/88)	
Q	B31B50/60	1	Uniting opposed surfaces or edges; Taping	B31B50/60, B31B50/61, B31B50/62, B31B50/622, B31B50/624, B31B50/626, B31B50/64, B31B50/642, B31B50/644, B31B50/645, B31B50/648, B31B50/649, B31B50/66, B31B50/68, B31B50/682, B31B50/684, B31B50/686, B31B50/70, B31B50/72, B31B50/722, B31B50/724, B31B50/726, B31B50/73, B31B50/732, B31B50/734
N	B31B50/61	2	{Uniting opposed edges by injecting thermoplastic material}	
N	B31B50/62	2	by adhesives	
N	B31B50/622	3	{Applying glue on already formed boxes}	
N	B31B50/624	3	{Applying glue on blanks}	
N	B31B50/626	3	{Arrangements for permitting the glue to set}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
Q	B31B50/64	2	by applying heat or pressure, e.g. by welding (to unite areas where adhesives are applied B31B 50/62)	B31B50/62, B31B50/622, B31B50/624, B31B50/626, B31B50/64, B31B50/66
N	B31B50/642	3	{using sealing jaws or sealing dies}	
N	B31B50/644	3	{Making seals parallel to the direction of movement, i.e. longitudinal sealing}	
N	B31B50/645	3	{Making seals transversally to the direction of movement}	
N	B31B50/648	3	{using tools mounted on belts or chains}	
N	B31B50/649	3	{using tools mounted on a drum}	
N	B31B50/66	3	by high-frequency electric heating	
N	B31B50/68	2	by stitching, stapling or riveting	
N	B31B50/682	3	{for closing the bottom flaps of boxes, or for securing bottoms or caps to box bodies}	
N	B31B50/684	3	{for joining the overlapping edges of collapsed blanks to form tubular blanks}	
N	B31B50/686	3	{for attaching hinged covers to boxes}	
N	B31B50/70	3	by corner stapling	
N	B31B50/72	2	by applying and securing strips or sheets	
N	B31B50/722	3	{on already formed boxes}	
N	B31B50/724	4	{Applying tapes on the corners of set-up boxes, e.g. involving setting-up}	
N	B31B50/726	3	{for uniting meeting edges of collapsed boxes}	
N	B31B50/73	2	by mechanically interlocking integral parts, e.g. by tongues and slots (interconnecting side walls during folding by plungers moving through folding dies B31B 50/46)	
N	B31B50/732	3	{by folding or tucking-in locking flaps}	
N	B31B50/734	4	{interengaging tongues and slots}	
Q	B31B50/74	1	Auxiliary operations	B31B50/74, B31B50/741, B31B50/742, B31B50/743, B31B50/745, B31B50/747, B31B50/75, B31B50/753, B31B50/756, B31B50/76, B31B50/78, B31B50/782, B31B50/784, B31B50/786, B31B50/787, B31B50/788, B31B50/80, B31B50/802, B31B50/804, B31B50/81, B31B50/811, B31B50/812, B31B50/8121, B31B50/8122, B31B50/8123,

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
				B31B50/8124, B31B50/8125, B31B50/8126, B31B50/8127, B31B50/8128, B31B50/8129, B31B50/813, B31B50/814, B31B50/8142, B31B50/8144, B31B50/82, B31B50/83, B31B50/84, B31B50/85, B31B50/86, B31B50/87, B31B50/88, B31B50/92, B31B50/94, B31B50/96, B31B50/98
N	B31B50/741	2	{Moistening; Drying; Cooling; Heating; Sterilizing}	
N	B31B50/742	2	{Coating; Impregnating; Waterproofing; Decoating}	
N	B31B50/743	3	{Coating or impregnating edges or corners}	
N	B31B50/745	3	{Coating or impregnating formed boxes}	
N	B31B50/747	3	{Coating or impregnating blanks or webs}	
N	B31B50/75	3	{by immersing in a bath}	
N	B31B50/753	3	{by spraying}	
N	B31B50/756	4	{only the interior of the boxes}	
N	B31B50/76	2	Opening and distending flattened articles	
N	B31B50/78	3	Mechanically	
N	B31B50/782	4	{by pushing the opposite ends of collapsed blanks towards each other}	
N	B31B50/784	4	{for setting-up boxes having their opening facing upwardly}	
N	B31B50/786	4	{by introducing opening fingers in the collapsed blanks}	
N	B31B50/787	5	{Rotating fingers; Two or more fingers moving relatively to each other}	
N	B31B50/788	4	{by introducing the blanks into undeformable holders, e.g. on a drum or on chains}	
N	B31B50/80	3	Pneumatically	
N	B31B50/802	4	{for setting-up boxes having their opening facing upwardly}	
N	B31B50/804	4	{using two or more suction devices on a rotating element}	
Q	B31B50/81	2	Forming or attaching accessories, e.g. opening devices, closures or tear strings	B31B50/81, B31B50/84, B31B50/85

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B50/811	3	{Applying strips, strings, laces or ornamental edgings to formed boxes}	
N	B31B50/812	3	{Applying tabs, patches, strips or strings on blanks or webs}	
N	B31B50/8121	4	{Applying tabs on corners of box blanks}	
N	B31B50/8122	4	{Applying patches}	
N	B31B50/8123	5	{the blanks remaining stationary during application of the patches}	
N	B31B50/8124	5	{the patches being taken out of a magazine}	
N	B31B50/8125	4	{Applying strips or strings, e.g. tear strips or strings}	
N	B31B50/8126	5	{parallel to the direction of movement of the webs or the blanks}	
N	B31B50/8127	5	{perpendicular to the direction of movement of the webs or the blanks}	
N	B31B50/8128	5	{the webs or blanks remaining stationary during application of the strips or strings}	
N	B31B50/8129	5	{the webs or blanks moving during application of the strips or strings}	
N	B31B50/813	5	{obliquely to the direction of movement of the webs or blanks or in an irregular path}	
N	B31B50/814	3	{Applying closure elements to blanks, webs or boxes}	
N	B31B50/8142	4	{Applying button-and-string or washer like closure elements}	
N	B31B50/8144	4	{Applying hook-and-loop-type fasteners}	
Q	B31B50/82	3	Forming or attaching windows	B31B50/82, B31B50/83
N	B31B50/83	4	Cutting window openings	
Q	B31B50/84	3	Forming or attaching means for filling or dispensing contents, e.g. valves or spouts	B31B50/84, B31B50/85
N	B31B50/85	4	Applying patches or flexible valve inserts, e.g. applying film-like valves	
N	B31B50/86	3	Forming integral handles; Attaching separate handles	
N	B31B50/87	4	{Fitting separate handles on boxes, e.g. on drinking cups}	
N	B31B50/88	2	Printing; Embossing	
N	B31B50/92	2	Delivering	
N	B31B50/94	3	singly or in succession	
N	B31B50/96	4	in an overlapping arrangement	
N	B31B50/98	3	in stacks or bundles	
Q	B31B50/99	1	using hand tools	B31B50/99, B31B70/99

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B70/00	0	Making flexible containers, e.g. envelopes or bags	
N	B31B70/001	1	{Shaping, other than by folding, sheet material under pressure}	
N	B31B70/002	2	{using punches or dies}	
N	B31B70/003	1	{Opening or distending bags}	
N	B31B70/004	1	{Closing bags}	
N	B31B70/005	1	{involving a particular layout of the machinery or relative arrangement of its subunits}	
N	B31B70/006	1	{Controlling; Regulating; Measuring; Safety measures}	
Q	B31B70/008	1	{Stiffening or reinforcing (B31B70/876 takes precedence)}	B31B70/008, B31B70/876
N	B31B70/02	1	Feeding or positioning sheets, blanks or webs	
N	B31B70/022	2	{Holders for feeding or positioning sheets or webs}	
N	B31B70/024	3	{Rotating holders, e.g. star wheels, drums}	
N	B31B70/04	2	Feeding sheets or blanks	
N	B31B70/10	2	Feeding or positioning webs	
Q	B31B70/14	1	Cutting, e.g. perforating, punching, slitting or trimming (cutting window openings B31B 70/83)	B31B70/14, B31B70/83
N	B31B70/142	2	{using presses or dies}	
N	B31B70/144	2	{using tools mounted on belts or chains}	
N	B31B70/146	2	{using tools mounted on a drum}	
N	B31B70/148	2	{Cutting out portions from the sides of webs or sheets}	
N	B31B70/16	2	Cutting webs	
N	B31B70/18	3	Longitudinally	
N	B31B70/20	2	Cutting sheets or blanks	
N	B31B70/25	1	{Surface scoring}	
N	B31B70/252	2	{using presses or dies}	
N	B31B70/254	2	{using tools mounted on belts or chains}	
N	B31B70/256	2	{using tools mounted on a drum}	
N	B31B70/26	1	Folding sheets, blanks or webs	
N	B31B70/261	2	{involving transversely folding, i.e. along a line perpendicular to the direction of movement}	
N	B31B70/262	2	{involving longitudinally folding, i.e. along a line parallel to the direction of movement}	
N	B31B70/266	3	{involving gusset-forming}	
N	B31B70/28	2	{around mandrels}	
N	B31B70/30	3	{Moving mandrels}	
N	B31B70/36	2	by continuously feeding them to stationary members, e.g. plates, ploughs or cores	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B70/44	2	{by plungers moving through folding dies}	
N	B31B70/52	2	by reciprocating or oscillating members other than plungers and dies, e.g. by fingers	
N	B31B70/56	2	{by rotary members co-operating with blades}	
N	B31B70/58	2	{by moving belts or chains}	
Q	B31B70/60	1	Uniting opposed surfaces or edges; Taping	B31B70/60, B31B70/61, B31B70/62, B31B70/626, B31B70/628, B31B70/64, B31B70/642, B31B70/643, B31B70/644, B31B70/645, B31B70/648, B31B70/649, B31B70/66, B31B70/68
N	B31B70/61	2	{by applying or securing strips or tape}	
N	B31B70/62	2	by adhesives	
N	B31B70/626	3	{Arrangements for permitting the glue to set}	
N	B31B70/628	3	{Applying glue on moving webs to form tubular webs}	
N	B31B70/64	2	by applying heat or pressure (to unite areas where adhesives are applied B31B 70/62)	
N	B31B70/642	3	{using sealing jaws or sealing dies}	
N	B31B70/643	3	{on piled sheets, e.g. sealing bags arranged in a pile}	
N	B31B70/644	3	{Making seals parallel to the direction of movement, i.e. longitudinal sealing}	
N	B31B70/645	3	{Making seals transversally to the direction of movement}	
N	B31B70/648	3	{using tools mounted on belts or chains}	
N	B31B70/649	3	{using tools mounted on a drum}	
N	B31B70/66	3	by high-frequency electric heating	
N	B31B70/68	2	by stitching, stapling or riveting	
Q	B31B70/74	1	Auxiliary operations	B31B70/74, B31B70/76, B31B70/79, B31B70/81, B31B70/812, B31B70/8122, B31B70/8123, B31B70/813, B31B70/8131, B31B70/8132, B31B70/8133, B31B70/8134, B31B70/8135, B31B70/8136, B31B70/8137, B31B70/82, B31B70/822, B31B70/826, B31B70/83, B31B70/84,

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
				B31B70/844, B31B70/85, B31B70/853, B31B70/855, B31B70/857, B31B70/859, B31B70/86, B31B70/864, B31B70/866, B31B70/868, B31B70/87, B31B70/872, B31B70/874, B31B70/876, B31B70/88, B31B70/92, B31B70/94, B31B70/942, B31B70/946, B31B70/96, B31B70/98, B31B70/982, B31B70/984, B31B70/986, B31B70/988
N	B31B70/76	2	{Moistening; Drying; Cooling; Heating}	
N	B31B70/79	2	{Coating; Impregnating; Waterproofing; Decoating}	
N	B31B70/81	2	Forming or attaching accessories, e.g. opening devices, closures or tear strings	
N	B31B70/812	3	{Applying patches, strips or strings on sheets or webs}	
N	B31B70/8122	4	{Applying patches}	
N	B31B70/8123	4	{Applying strips}	
N	B31B70/813	3	{Applying closures}	
N	B31B70/8131	4	{Making bags having interengaging closure elements}	
N	B31B70/8132	5	{Applying the closure elements in the machine direction}	
N	B31B70/8133	5	{Applying the closure elements in the cross direction}	
N	B31B70/8134	4	{Applying strings; Making string-closed bags}	
N	B31B70/8135	5	{the strings being applied in the machine direction}	
N	B31B70/8136	5	{the strings being applied in the cross direction}	
N	B31B70/8137	5	{the ends of the strings being attached to the side edges of the bags}	
Q	B31B70/82	3	Forming or attaching windows	B31B70/82, B31B70/822, B31B70/826, B31B70/83
N	B31B70/822	4	{by making paper transparent or translucent; by applying transparent melt}	
N	B31B70/826	4	{involving applying window patches}	
N	B31B70/83	4	Cutting window openings	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
Q	B31B70/84	3	Forming or attaching means for filling or dispensing contents, e.g. valves or spouts	B31B70/84, B31B70/844, B31B70/85, B31B70/853, B31B70/855, B31B70/857, B31B70/859
N	B31B70/844	4	{Applying rigid valves, spouts, or filling tubes}	
N	B31B70/85	4	Applying patches or flexible valve inserts, e.g. applying film-like valves	
N	B31B70/853	5	{Applying valve inserts on tubular webs, e.g. from the inside}	
N	B31B70/855	4	Forming valves integral with the containers	
N	B31B70/857	5	{by deforming the bag, e.g. stretching}	
N	B31B70/859	5	{involving turning the bags inside out}	
N	B31B70/86	2	Forming integral handles or mounting separate handles	
N	B31B70/864	3	{Mounting separate handles on bags, sheets or webs}	
N	B31B70/866	4	{Applying handles on a moving web followed by longitudinal folding}	
N	B31B70/868	4	{Applying handles on a moving web followed by transverse folding}	
N	B31B70/87	4	{Applying handles on one side of a moving longitudinally folded web, e.g. after cutting a tubular web longitudinally; Applying handles on both sides of a moving web and folding this web longitudinally afterwards}	
N	B31B70/872	3	{Forming integral handles on bags}	
N	B31B70/874	3	{involving punching or cutting}	
N	B31B70/876	3	{involving application of reinforcement strips or patches; involving reinforcements obtained by folding}	
N	B31B70/88	2	Printing; Embossing	
N	B31B70/92	2	Delivering	
N	B31B70/94	3	singly or in succession	
N	B31B70/942	4	{by winding up}	
N	B31B70/946	4	{the bags being interconnected}	
N	B31B70/96	4	in an overlapping arrangement	
N	B31B70/98	3	in stacks or bundles	
N	B31B70/982	4	{involving folding of the bags}	
N	B31B70/984	4	{Stacking bags on wicket pins}	
N	B31B70/986	4	{Stacking bags by means of a rotary stacking drum}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B70/988	4	{Assembling or block-forming of bags; Loading bags on a mandrel}	
N	B31B70/99	1	using hand tools	
Q	B31B2100/00	0	Rigid or semi-rigid containers made by folding single-piece sheets, blanks or webs	B31B2100/00, B31B2100/002, B31B2100/0022, B31B2100/0024, B31B2100/0026, B31B2100/0028
N	B31B2100/002	1	{characterised by the shape of the blank from which they are formed}	
N	B31B2100/0022	2	{made from tubular webs or blanks, including by tube or bottom forming operations}	
N	B31B2100/0024	2	{having all side walls attached to the bottom}	
N	B31B2100/0026	2	{having two opposite first side walls attached to the bottom and the other side walls being attached to the first side walls}	
N	B31B2100/0028	2	{made by first folding a sheet to a U-shape, constituting the bottom and two first side walls, after which the two other side walls are formed from these first side walls}	
Q	B31B2105/00	0	Rigid or semi-rigid containers made by assembling separate sheets, blanks or webs	B31B2105/00, B31B2105/001, B31B2105/002, B31B2105/0022, B31B2105/0024, B31B2105/0025, B31B2105/0027
N	B31B2105/001	1	{made from laminated webs, e.g. including laminating the webs}	
N	B31B2105/002	1	{Making boxes characterised by the shape of the blanks from which they are formed}	
N	B31B2105/0022	2	{Making boxes from tubular webs or blanks, e.g. with separate bottoms, including tube or bottom forming operations}	
N	B31B2105/0024	2	{Making boxes having all side walls attached to the bottom}	
N	B31B2105/0025	2	{Making boxes by uniting two U-shaped blanks}	
N	B31B2105/0027	2	{Making boxes from blanks consisting of side wall panels integral with a bottom panel and additional side wall panels}	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
Q	B31B2110/00	0	Shape of rigid or semi-rigid containers	B31B2110/00, B31B2110/10, B31B2110/20, B31B2110/30, B31B2110/35, B31B2110/40
N	B31B2110/10	1	having a cross section of varying size or shape, e.g. conical or pyramidal	
N	B31B2110/20	1	having a curved cross section, e.g. circular	
N	B31B2110/30	1	having a polygonal cross section	
N	B31B2110/35	2	rectangular, e.g. square	
N	B31B2110/40	1	without sidewalls	
Q	B31B2120/00	0	Construction of rigid or semi-rigid containers	B31B2120/00, B31B2120/002, B31B2120/004, B31B2120/10, B31B2120/102, B31B2120/20, B31B2120/25, B31B2120/30, B31B2120/302, B31B2120/40, B31B2120/402, B31B2120/404, B31B2120/406, B31B2120/407, B31B2120/408, B31B2120/50, B31B2120/501, B31B2120/502, B31B2120/60, B31B2120/70
N	B31B2120/002	1	{having contracted or rolled necks, having shoulders}	
N	B31B2120/004	1	{the bottom of which includes a rim projecting at the edges}	
N	B31B2120/10	1	provided with covers, e.g. lids	
N	B31B2120/102	2	{with a hinged cover}	
N	B31B2120/20	1	provided with two or more compartments	
N	B31B2120/25	2	formed by partitions or like inserts not integral with walls	
N	B31B2120/30	1	collapsible; temporarily collapsed during manufacturing	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B2120/302	2	{collapsible into a flat condition}	
N	B31B2120/40	1	lined or internally reinforced	
N	B31B2120/402	2	{by applying a liner to already made boxes, e.g. opening or distending of the liner or the box}	
N	B31B2120/404	3	{using vacuum or pressure means to force the liner against the wall}	
N	B31B2120/406	3	{the lining material being a plunger, a web, a sheet or a bag to be forced into the box, e.g. by using heat}	
N	B31B2120/407	3	{involving forming of the liner before inserting}	
N	B31B2120/408	2	{by folding a sheet or blank around an inner tubular liner}	
N	B31B2120/50	1	covered or externally reinforced	
N	B31B2120/501	2	{by applying wrapping material only on the side wall part of a box}	
N	B31B2120/502	1	{having integral corner posts or reinforcements}	
N	B31B2120/60	1	of drawer-and-shell type	
N	B31B2120/70	1	having corrugated or pleated walls	
Q	B31B2150/00	0	Flexible containers made from sheets or blanks, e.g. from flattened tubes	B31B2150/00, B31B2150/001, B31B2150/0012, B31B2150/0014, B31B2150/0016, B31B2150/002, B31B2150/003, B31B2150/10, B31B2150/20, B31B2170/00, B31B2170/30
N	B31B2150/001	1	{with square or cross bottom}	
N	B31B2150/0012	2	{having their openings facing in the direction of movement}	
N	B31B2150/0014	2	{having their openings facing transversally to the direction of movement}	
N	B31B2150/0016	2	{made from already formed bags}	
N	B31B2150/002	1	{by joining superimposed sheets, e.g. with separate bottom sheets}	
N	B31B2150/003	1	{made from tubular sheets}	
N	B31B2150/10	1	the longitudinal axes of the containers being parallel to the direction in which the sheets or blanks are fed	

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B2150/20	1	the longitudinal axes of the containers being perpendicular to the direction in which the sheets or blanks are fed	
Q	B31B2155/00	0	Flexible containers made from webs	B31B2155/00, B31B2155/001, B31B2155/0012, B31B2155/0014, B31B2155/002, B31B2155/003, B31B2170/00, B31B2170/30
N	B31B2155/001	1	{by folding webs longitudinally}	
N	B31B2155/0012	2	{having their openings facing in the direction of movement}	
N	B31B2155/0014	2	{having their openings facing transversally to the direction of movement}	
N	B31B2155/002	1	{by joining superimposed webs, e.g. with separate bottom webs}	
N	B31B2155/003	1	{starting from tubular webs}	
Q	B31B2160/00	0	Shape of flexible containers	B31B2160/00, B31B2160/10, B31B2160/102, B31B2160/104, B31B2160/106, B31B2160/20, B31B2160/30
Q	B31B2160/10	1	rectangular and flat, i.e. without structural provision for thickness of contents	B31B2160/10, B31B2160/102, B31B2160/104, B31B2160/106
N	B31B2160/102	2	{obtained from essentially rectangular sheets}	
N	B31B2160/104	2	{obtained from rhombus shaped sheets}	
N	B31B2160/106	2	{obtained from sheets cut from larger sheets or webs before finishing the bag forming operations}	
N	B31B2160/20	1	with structural provision for thickness of contents	
N	B31B2160/30	1	pointed or tapered	
Q	B31B2170/00	0	Construction of flexible containers	B31B2170/00, B31B2170/10, B31B2170/20, B31B2170/202, B31B2170/204, B31B2170/30
N	B31B2170/10	1	Interconnected	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
N	B31B2170/20	1	having multi-layered walls, e.g. laminated or lined	
N	B31B2170/202	2	{having liners applied in already made bags, e.g. including turning the bags inside out}	
N	B31B2170/204	2	{involving folding a web about an already tubular web}	
N	B31B2170/30	1	having corrugated or pleated walls	
D	B31B2201/00	0	Specific operations carried out during box making	<administrative transfer to B31B50/00>
D	B31B2201/02	1	Feeding or positioning webs, blanks or boxes	<administrative transfer to B31B50/02>
D	B31B2201/0205	2	Feeding or positioning webs	<administrative transfer to B31B50/10>
D	B31B2201/0211	3	involving air pressure or vacuum	<administrative transfer to B31B50/12>
D	B31B2201/0217	3	using rolls, belts or chains	<administrative transfer to B31B50/102>
D	B31B2201/0223	3	involving aligning	<administrative transfer to B31B50/104>
D	B31B2201/0229	3	involving changing orientation or changing direction of transport	<administrative transfer to B31B50/106>
D	B31B2201/0235	2	Feeding or positioning blanks	<administrative transfer to B31B50/04>
D	B31B2201/0241	3	by air pressure or vacuum	<administrative transfer to B31B50/07>
D	B31B2201/0247	3	using rolls, belts or chains	<administrative transfer to B31B50/042>
D	B31B2201/0252	3	involving aligning	<administrative transfer to B31B50/044>
D	B31B2201/0258	3	involving changing orientation or changing direction of transport	<administrative transfer to B31B50/046>
D	B31B2201/0264	3	from stacks	<administrative transfer to B31B50/06>
D	B31B2201/027	4	from the underside of a magazine	<administrative transfer to B31B50/062>
D	B31B2201/0276	5	by being moved in the plane they are lying in	<administrative transfer to B31B50/064>
D	B31B2201/0282	4	from above a magazine	<administrative transfer to B31B50/066>
D	B31B2201/0288	2	Holders for feeding or positioning blanks or webs	<administrative transfer to B31B50/022>
D	B31B2201/0294	3	the holders rotating, e.g. star wheels, drums	<administrative transfer to B31B50/024>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2201/14	1	Cutting, perforating, punching, slitting, trimming	<administrative transfer to B31B50/14>
D	B31B2201/141	2	using presses or dies	<administrative transfer to B31B50/142>
D	B31B2201/142	2	using tools mounted on belts or chains	<administrative transfer to B31B50/144>
D	B31B2201/143	2	using tools mounted on a drum	<administrative transfer to B31B50/146>
D	B31B2201/145	2	Cutting webs	<administrative transfer to B31B50/16>
D	B31B2201/146	3	cutting or slitting webs longitudinally	<administrative transfer to B31B50/18>
D	B31B2201/147	2	Cutting blanks	<administrative transfer to B31B50/20>
D	B31B2201/148	2	Notching; Trimming edges of flaps	<administrative transfer to B31B50/22>
D	B31B2201/22	1	Shaping, other-wise than folding, sheet material under pressure	<administrative transfer to B31B50/001>
D	B31B2201/223	2	Using punches or dies	<administrative transfer to B31B50/0012>
D	B31B2201/226	2	Modifying the shape of tubular boxes, of paper bottle necks	<administrative transfer to B31B50/0014>
D	B31B2201/24	1	Prebreaking	<administrative transfer to B31B50/002>
D	B31B2201/25	1	Surface scoring	<administrative transfer to B31B50/25>
D	B31B2201/252	2	using presses or dies	<administrative transfer to B31B50/252>
D	B31B2201/255	2	using tools mounted on belts or chains	<administrative transfer to B31B50/254>
D	B31B2201/257	2	using tools mounted on a drum	<administrative transfer to B31B50/256>
D	B31B2201/26	1	Folding blanks or webs	<administrative transfer to B31B50/26>
D	B31B2201/2604	2	around mandrels	<administrative transfer to B31B50/28>
D	B31B2201/2608	3	the mandrels moving	<administrative transfer to B31B50/30>
D	B31B2201/2612	4	the mandrels being mounted on a drum, or a wheel	<administrative transfer to B31B50/32>
D	B31B2201/2616	5	the mandrels extending radially from the periphery of the drum	<administrative transfer to B31B50/322>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2201/262	5	the mandrels being parallel to the axis of the drum	<administrative transfer to B31B50/324>
D	B31B2201/2625	5	the mandrels extending tangentially to the periphery of the drum	<administrative transfer to B31B50/326>
D	B31B2201/2629	4	the mandrels rotating about their own axes	<administrative transfer to B31B50/34>
D	B31B2201/2633	3	involving stripping-off formed boxes from mandrels	<administrative transfer to B31B50/282>
D	B31B2201/2637	2	by continuously feeding same to stationary members, e.g. plates, ploughs, cores	<administrative transfer to B31B50/36>
D	B31B2201/2641	3	the members being forming-tubes	<administrative transfer to B31B50/38>
D	B31B2201/2645	4	acting internally	<administrative transfer to B31B50/40>
D	B31B2201/265	4	acting externally	<administrative transfer to B31B50/42>
D	B31B2201/2654	2	by plungers moving through folding dies	<administrative transfer to B31B50/44>
D	B31B2201/2658	3	having several cooperating plungers and dies fitted on a rotating table or on moving chains	<administrative transfer to B31B50/442>
D	B31B2201/2662	3	having several plungers moving in a closed path and cooperating with stationary folding dies	<administrative transfer to B31B50/444>
D	B31B2201/2666	3	involving interconnecting side walls	<administrative transfer to B31B50/46>
D	B31B2201/267	2	by reciprocating or oscillating members, e.g. fingers, other than plungers or dies	<administrative transfer to B31B50/52>
D	B31B2201/2675	3	operating on moving material	<administrative transfer to B31B50/54>
D	B31B2201/2679	2	by rotary members co-operating with blades	<administrative transfer to B31B50/56>
D	B31B2201/2683	2	by moving belts or chains	<administrative transfer to B31B50/58>
D	B31B2201/2687	2	by air jets	<administrative transfer to B31B50/585>
D	B31B2201/2691	2	involving folding leading or trailing flaps of blanks	<administrative transfer to B31B50/262>
D	B31B2201/2695	2	involving corrugating or pleating	<administrative transfer to B31B2120/70>
D	B31B2201/27	1	Straightening the side walls of boxes, squaring collapsed folded box blanks, deforming boxes	<administrative transfer to B31B50/003>
D	B31B2201/28	1	Opening or distending flattened boxes	<administrative transfer to B31B50/76>

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D	B31B2201/281	2	mechanically	\<administrative transfer to B31B50/78>
D	B31B2201/282	3	by pushing the opposite ends of collapsed blanks towards each other	\<administrative transfer to B31B50/782>
D	B31B2201/283	3	for setting-up boxes having their opening facing upwardly	\<administrative transfer to B31B50/784>
D	B31B2201/284	3	by introducing opening fingers in the collapsed blanks	\<administrative transfer to B31B50/786>
D	B31B2201/285	4	by rotating fingers or with several fingers moving relatively to each other	\<administrative transfer to B31B50/787>
D	B31B2201/286	3	by introducing the blanks into undeformable holders, e.g. on a drum or on chains	\<administrative transfer to B31B50/788>
D	B31B2201/287	2	pneumatically	\<administrative transfer to B31B50/80>
D	B31B2201/288	3	for setting-up boxes having their opening facing upwardly	\<administrative transfer to B31B50/802>
D	B31B2201/289	3	with several suction devices on a rotating element	\<administrative transfer to B31B50/804>
D	B31B2201/29	1	Closing boxes	\<administrative transfer to B31B50/004>
D	B31B2201/292	2	the boxes having their opening facing in horizontal direction	\<administrative transfer to B31B50/0042>
D	B31B2201/295	2	the boxes having their opening facing upwardly	\<administrative transfer to B31B50/0044>
D	B31B2201/297	2	the boxes being cylindrical	\<administrative transfer to B31B50/0045>
D	B31B2201/60	1	Uniting opposed surfaces or edges; Taping	\<administrative transfer to B31B50/60>
D	B31B2201/6004	2	by injecting of thermoplastic material for uniting opposed edges	\<administrative transfer to B31B50/61>
D	B31B2201/6008	2	by adhesives	\<administrative transfer to B31B50/62>
D	B31B2201/6013	3	Applying glue on already formed boxes	\<administrative transfer to B31B50/622>
D	B31B2201/6017	3	Applying glue on blanks	\<administrative transfer to B31B50/624>
D	B31B2201/6021	3	Arrangements for permitting the glue to set	\<administrative transfer to B31B50/626>
D	B31B2201/6026	2	by applying heat or pressure	\<administrative transfer to B31B50/64>
D	B31B2201/603	3	using sealing jaws or sealing dies	\<administrative transfer to B31B50/642>

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D	B31B2201/6034	3	Making seals parallel to the direction of movement, i.e. longitudinal sealing	\<administrative transfer to B31B50/644>
D	B31B2201/6039	3	Making seals transversally to the direction of movement	\<administrative transfer to B31B50/645>
D	B31B2201/6043	3	using tools mounted on belts or chains	\<administrative transfer to B31B50/648>
D	B31B2201/6047	3	using tools mounted on a drum	\<administrative transfer to B31B50/649>
D	B31B2201/6052	2	by stitching, stapling, or riveting	\<administrative transfer to B31B50/68>
D	B31B2201/6056	3	for closing the bottom flaps of boxes, or for securing bottoms or caps to box bodies	\<administrative transfer to B31B50/682>
D	B31B2201/606	3	for joining the overlapping edges of collapsed blanks to form tubular blanks	\<administrative transfer to B31B50/684>
D	B31B2201/6065	3	for attaching hinged covers to boxes	\<administrative transfer to B31B50/686 and B31B2120/10 simultaneously>
D	B31B2201/6069	3	by corner stapling	\<administrative transfer to B31B50/70>
D	B31B2201/6073	2	by applying or securing strips or tape	\<administrative transfer to B31B50/72>
D	B31B2201/6078	3	on already formed boxes	\<administrative transfer to B31B50/722>
D	B31B2201/6082	4	Applying tape on the corners of set-up boxes (box staying), e.g. involving setting-up	\<administrative transfer to B31B50/724>
D	B31B2201/6086	3	for uniting meeting edges of collapsed boxes	\<administrative transfer to B31B50/726>
D	B31B2201/6091	2	by folding or tucking-in locking flaps	\<administrative transfer to B31B50/732>
D	B31B2201/6095	3	and interengaging tongues and slots	\<administrative transfer to B31B50/734>
D	B31B2201/61	1	Moistening; Drying; Cooling; Heating; Sterilizing	\<administrative transfer to B31B50/741>
D	B31B2201/62	1	Coating; Impregnating; Water proofing; Decoating	\<administrative transfer to B31B50/742>
D	B31B2201/621	2	Coating or impregnating edges or corners	\<administrative transfer to B31B50/743>
D	B31B2201/622	2	Coating or impregnating formed boxes	\<administrative transfer to B31B50/745>
D	B31B2201/624	2	Coating or impregnating blanks or webs	\<administrative transfer to B31B50/747>

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D	B31B2201/625	2	by immersing in a bath	<administrative transfer to B31B50/75>
D	B31B2201/627	2	by spraying	<administrative transfer to B31B50/753>
D	B31B2201/628	3	by only spraying the interior of the boxes	<administrative transfer to B31B50/756>
D	B31B2201/88	1	Printing, marking, embossing	<administrative transfer to B31B50/88>
D	B31B2201/90	1	Forming or attaching accessories	<administrative transfer to B31B50/81>
D	B31B2201/9004	2	Applying strips, strings, lace or like ornamental edging to formed boxes	<administrative transfer to B31B50/811>
D	B31B2201/9009	2	Applying tabs, patches, strips or strings on blanks or webs	<administrative transfer to B31B50/812>
D	B31B2201/9014	3	Applying tabs on corners of box blanks	<administrative transfer to B31B50/8121>
D	B31B2201/9019	3	Applying patches	<administrative transfer to B31B50/8122>
D	B31B2201/9023	4	the blanks remaining stationary during application of the patches	<administrative transfer to B31B50/8123>
D	B31B2201/9028	4	the patches being taken out of a magazine	<administrative transfer to B31B50/8124>
D	B31B2201/9033	3	Applying strips or strings, e.g. tear strips or strings	<administrative transfer to B31B50/8125>
D	B31B2201/9038	4	parallel to the direction of movement of the webs or the blanks	<administrative transfer to B31B50/8126>
D	B31B2201/9042	4	perpendicular to the direction of movement of the webs or the blanks	<administrative transfer to B31B50/8127>
D	B31B2201/9047	4	the webs or blanks remaining stationary during application of the strips or strings	<administrative transfer to B31B50/8128>
D	B31B2201/9052	4	the webs or blanks moving during application of the strips or strings	<administrative transfer to B31B50/8129>
D	B31B2201/9057	4	obliquely to the direction of movement of the webs or blanks or in an irregular path	<administrative transfer to B31B50/813>
D	B31B2201/9061	2	Applying closure elements to blanks, webs or boxes	<administrative transfer to B31B50/814>
D	B31B2201/9066	3	Applying button-and-string or washer like closure elements	<administrative transfer to B31B50/8142>
D	B31B2201/9071	3	Applying other closure elements, e.g. hook and loop-type fastener	<administrative transfer to B31B50/8144>
D	B31B2201/9076	2	Forming or attaching windows	<administrative transfer to B31B50/82>

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D	B31B2201/908	3	involving cutting window openings	<administrative transfer to B31B50/83>
D	B31B2201/9085	2	Forming valves or applying valve inserts, e.g. rigid valves, spouts, filling tubes	<administrative transfer to B31B50/84>
D	B31B2201/909	2	Forming integral handles or mounting separate handles	<administrative transfer to B31B50/86>
D	B31B2201/9095	3	Fitting separate handles on boxes, e.g. on drinking cups	<administrative transfer to B31B50/87>
D	B31B2201/92	1	Delivering	<administrative transfer to B31B50/92>
D	B31B2201/922	2	singly or in succession	<administrative transfer to B31B50/94>
D	B31B2201/925	3	in overlapping arrangement	<administrative transfer to B31B50/96>
D	B31B2201/927	2	in stacks or bundles	<administrative transfer to B31B50/98>
D	B31B2201/94	1	Involving a particular layout of the machinery or relative arrangement of its subunits	<administrative transfer to B31B50/005>
D	B31B2201/95	1	Controlling; Regulating; Measuring; Improving safety	<administrative transfer to B31B50/006>
D	B31B2203/00	0	Making boxes by folding single-piece blanks, or webs	<administrative transfer to B31B2100/00>
D	B31B2203/003	1	Making collapsible boxes; Making boxes being in a collapsed condition at least during some of the manufacturing steps	<administrative transfer to B31B2100/00 and B31B2120/30 simultaneously>
D	B31B2203/006	2	Collapsing already made boxes into a flat condition	<administrative transfer to B31B2120/302 and B31B2100/00 simultaneously>
D	B31B2203/06	1	Making boxes characterised by their shape	<administrative transfer to B31B2100/00 and B31B2110/00 simultaneously>
D	B31B2203/062	2	Making conical or pyramidal boxes; Making boxes of varying cross-section	<administrative transfer to B31B2110/10 and B31B2100/00 simultaneously>
D	B31B2203/064	2	Making boxes of curved cross section	<administrative transfer to B31B2110/20 and B31B2100/00 simultaneously>

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D	B31B2203/066	2	Making boxes of polygonal cross section	<administrative transfer to B31B2110/35 and B31B2100/00 simultaneously>
D	B31B2203/068	3	having non-square, non-rectangular cross section	<administrative transfer to B31B2110/30 and B31B2100/00 simultaneously>
D	B31B2203/08	1	Making boxes characterised by the shape of the blank from which they are formed	<administrative transfer to B31B2100/002>
D	B31B2203/082	2	Making boxes from tubular webs or blanks, including tube or bottom forming operations	<administrative transfer to B31B2100/0022>
D	B31B2203/084	2	Making boxes having all side walls attached to the bottom	<administrative transfer to B31B2100/0024>
D	B31B2203/086	2	Making boxes having two opposite first side walls attached to the bottom, the other side walls being attached to the first side walls	<administrative transfer to B31B2100/0026>
D	B31B2203/088	2	Making boxes by first folding a sheet to a U-shape, constituting the bottom and two first-side walls, after which the two other side walls are formed from these first side wall	<administrative transfer to B31B2100/0028>
D	B31B2203/10	1	Involving forming accessories or reinforcements	<administrative transfer to B31B50/81, B31B2100/00 and B31B2120/00 simultaneously>
D	B31B2203/101	2	Making boxes having a hinged cover	<administrative transfer to B31B50/81, B31B2120/102 and B31B2100/00 simultaneously>
D	B31B2203/103	2	Making multi-compartment boxes	<administrative transfer to B31B50/81, B31B2120/20 and B31B2100/00 simultaneously>
D	B31B2203/105	2	Making boxes having integral corner posts or reinforcements	<administrative transfer to B31B50/81, B31B2120/502 and B31B2100/00 simultaneously>
D	B31B2203/106	2	Making boxes having contracted or rolled necks, having shoulders	<administrative transfer to B31B50/81, B31B2120/002 and B31B2100/00 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2203/108	2	Making boxes, the bottom of which includes a rim projecting at the edges	<administrative transfer to B31B50/81, B31B2120/004 and B31B2100/00 simultaneously>
D	B31B2217/00	0	Making boxes by assembling several separate blanks, or webs; making lined boxes; making boxes from laminated blanks or webs	<administrative transfer to B31B2105/00 and B31B2120/00 simultaneously>
D	B31B2217/0007	1	Making collapsible boxes; Making boxes being in a collapsed condition at least during some of the manufacturing steps	<administrative transfer to B31B2120/30 and B31B2105/00 simultaneously>
D	B31B2217/0015	2	Collapsing already made boxes into a flat condition	<administrative transfer to B31B2120/302 and B31B2105/00 simultaneously>
D	B31B2217/0023	1	Making covered or externally-reinforced boxes	<administrative transfer to B31B2120/50 and B31B2105/00 simultaneously>
D	B31B2217/003	2	Applying wrapping material only on the side wall part of a box	<administrative transfer to B31B2120/501 and B31B2105/00 simultaneously>
D	B31B2217/0038	1	Making lined or internally-reinforced boxes	<administrative transfer to B31B2120/40 and B31B2105/00 simultaneously>
D	B31B2217/0046	2	Applying a liner to already made boxes, e.g. including opening or distending of the liner or the box	<administrative transfer to B31B2120/402 and B31B2105/00 simultaneously>
D	B31B2217/0053	3	using vacuum or pressure means to force the liner against the wall	<administrative transfer to B31B2120/404 and B31B2105/00 simultaneously>
D	B31B2217/0061	3	the lining material being a web, a sheet or a bag to be forced into the box, e.g. by using heat, or a plunger	<administrative transfer to B31B2120/406 and B31B2105/00 simultaneously>

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D	B31B2217/0069	3	involving forming of the liner before inserting	\<administrative transfer to B31B2120/407 and B31B2105/00 simultaneously\>
D	B31B2217/0076	2	Folding a sheet or blank around an inner tubular liner	\<administrative transfer to B31B2120/408 and B31B2105/00 simultaneously\>
D	B31B2217/0084	1	Making boxes from laminated webs, e.g. including laminating the webs	\<administrative transfer to B31B2105/001\>
D	B31B2217/0092	1	Making drawer-and-shell boxes	\<administrative transfer to B31B2120/60 and B31B2105/00 simultaneously\>
D	B31B2217/02	1	Making collapsible boxes; Making boxes being in a collapsed condition at least during some of the manufacturing steps	\<administrative transfer to B31B2120/30\>
D	B31B2217/06	1	Making boxes characterised by their geometry	\<administrative transfer to B31B2105/00 and B31B2110/00 simultaneously\>
D	B31B2217/062	2	Making conical or pyramidal boxes; Making boxes of varying cross-section	\<administrative transfer to B31B2110/10 and B31B2105/00 simultaneously\>
D	B31B2217/064	2	Making boxes of curved cross section	\<administrative transfer to B31B2110/20 and B31B2105/00 simultaneously\>
D	B31B2217/066	2	Making boxes of polygonal cross section	\<administrative transfer to B31B2110/35 and B31B2105/00 simultaneously\>
D	B31B2217/068	3	having non-square, non-rectangular cross section	\<administrative transfer to B31B2110/30 and B31B2105/00 simultaneously\>
D	B31B2217/08	1	Making boxes characterised by the shape of the blanks from which they are formed	\<administrative transfer to B31B2105/002\>
D	B31B2217/082	2	Making boxes from tubular webs or blanks, e.g. with separate bottoms, including tube or bottom forming operations	\<administrative transfer to B31B2105/0022\>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2217/084	2	Making boxes having all side walls attached to the bottom	\<administrative transfer to B31B2105/0024\>
D	B31B2217/086	2	Making boxes by uniting two U-shaped blanks	\<administrative transfer to B31B2105/0025\>
D	B31B2217/088	2	Making boxes from blanks consisting of side wall panels integral with a bottom panel and additional side wall panels	\<administrative transfer to B31B2105/0027\>
D	B31B2217/10	1	Involving forming accessories or reinforcements	\<administrative transfer to B31B50/81, B31B2105/00 and B31B2120/00 simultaneously\>
D	B31B2217/101	2	Making boxes having a cover	\<administrative transfer to B31B50/81, B31B2120/10 and B31B2105/00 simultaneously\>
D	B31B2217/103	2	Making multi-compartment boxes	\<administrative transfer to B31B50/81, B31B2120/20 and B31B2105/00 simultaneously\>
D	B31B2217/105	3	Inserting partitions in boxes or cartons	\<administrative transfer to B31B50/81, B31B2120/25 and B31B2105/00 simultaneously\>
D	B31B2217/106	2	Making boxes having corner posts or reinforcements	\<administrative transfer to B31B50/81, B31B2120/502 and B31B2105/00 simultaneously\>
D	B31B2217/108	2	Inserting necks in boxes, forming or applying shoulders	\<administrative transfer to B31B50/81, B31B2120/002 and B31B2105/00 simultaneously\>
D	B31B2219/00	0	Specific operations carried out during bag making	\<administrative transfer to B31B70/00\>
D	B31B2219/02	1	Feeding or positioning webs, sheets or bags	\<administrative transfer to B31B70/02\>
D	B31B2219/022	2	Feeding or positioning webs	\<administrative transfer to B31B70/10\>
D	B31B2219/024	2	Feeding or positioning sheets	\<administrative transfer to B31B70/04 and B31B2150/00 simultaneously\>
D	B31B2219/026	2	Holders for feeding or positioning sheets or webs	\<administrative transfer to B31B70/022\>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2219/028	3	the holders rotating, e.g. star wheels, drums	\<administrative transfer to B31B70/024\>
D	B31B2219/14	1	Cutting, perforating, punching, slitting, trimming	\<administrative transfer to B31B70/14\>
D	B31B2219/141	2	using presses or dies	\<administrative transfer to B31B70/142\>
D	B31B2219/142	2	using tools mounted on belts or chains	\<administrative transfer to B31B70/144\>
D	B31B2219/143	2	using tools mounted on a drum	\<administrative transfer to B31B70/146\>
D	B31B2219/145	2	Cutting webs	\<administrative transfer to B31B70/16\>
D	B31B2219/146	3	slitting webs longitudinally	\<administrative transfer to B31B70/18\>
D	B31B2219/147	2	Cutting sheets	\<administrative transfer to B31B70/20\>
D	B31B2219/148	2	Cutting-out portions from the sides of webs or sheets	\<administrative transfer to B31B70/148\>
D	B31B2219/22	1	Shaping, other-wise than folding, sheet material under pressure	\<administrative transfer to B31B70/001\>
D	B31B2219/225	2	using punches or dies	\<administrative transfer to B31B70/002\>
D	B31B2219/23	1	Stiffening, reinforcing bags	\<administrative transfer to B31B70/008\>
D	B31B2219/25	1	Surface scoring	\<administrative transfer to B31B70/25\>
D	B31B2219/252	2	using presses or dies	\<administrative transfer to B31B70/252\>
D	B31B2219/255	2	using tools mounted on belts or chains	\<administrative transfer to B31B70/254\>
D	B31B2219/257	2	using tools mounted on a drum	\<administrative transfer to B31B70/256\>
D	B31B2219/26	1	Folding sheets or webs	\<administrative transfer to B31B70/26\>
D	B31B2219/2609	2	around mandrels	\<administrative transfer to B31B70/28\>
D	B31B2219/2618	3	the mandrels moving	\<administrative transfer to B31B70/30\>
D	B31B2219/2627	2	by continuously feeding same to stationary members, e.g. plates, ploughs, cores	\<administrative transfer to B31B70/36\>
D	B31B2219/2636	2	by plungers moving through folding dies	\<administrative transfer to B31B70/44\>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2219/2645	2	by reciprocating or oscillating members, e.g. fingers, other than plungers or dies	\<administrative transfer to B31B70/52>
D	B31B2219/2654	2	by rotary members co-operating with blades	\<administrative transfer to B31B70/56>
D	B31B2219/2663	2	by moving belts or chains	\<administrative transfer to B31B70/58>
D	B31B2219/2672	2	involving transversely folding, i.e. along a line perpendicular to the direction of movement	\<administrative transfer to B31B70/261>
D	B31B2219/2681	2	involving longitudinally folding, i.e. along a line parallel to the direction of movement	\<administrative transfer to B31B70/262>
D	B31B2219/269	3	involving gusset-forming	\<administrative transfer to B31B70/266>
D	B31B2219/28	1	Opening or distending bags	\<administrative transfer to B31B70/003>
D	B31B2219/29	1	Closing bags	\<administrative transfer to B31B70/004>
D	B31B2219/60	1	Uniting opposed surfaces or edges; Taping	\<administrative transfer to B31B70/60>
D	B31B2219/6007	2	by adhesives	\<administrative transfer to B31B70/62>
D	B31B2219/6015	3	Arrangements for permitting the glue to set	\<administrative transfer to B31B70/626>
D	B31B2219/6023	3	Applying glue on moving webs to form tubular webs	\<administrative transfer to B31B70/628>
D	B31B2219/603	2	by applying heat or pressure	\<administrative transfer to B31B70/64>
D	B31B2219/6038	3	using sealing jaws or sealing dies	\<administrative transfer to B31B70/642>
D	B31B2219/6046	3	on piled sheets, e.g. sealing bags arranged in a pile	\<administrative transfer to B31B70/643>
D	B31B2219/6053	3	Making seals parallel to the direction of movement, i.e. longitudinal sealing	\<administrative transfer to B31B70/644>
D	B31B2219/6061	3	Making seals transversally to the direction of movement	\<administrative transfer to B31B70/645>
D	B31B2219/6069	3	using tools mounted on belts or chains	\<administrative transfer to B31B70/648>
D	B31B2219/6076	3	using tools mounted on a drum	\<administrative transfer to B31B70/649>
D	B31B2219/6084	2	by stitching, stapling, or riveting	\<administrative transfer to B31B70/68>
D	B31B2219/6092	2	by applying or securing strips or tape	\<administrative transfer to B31B70/61>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2219/61	1	Moistening; Drying; Cooling; Heating	<administrative transfer to B31B70/76>
D	B31B2219/62	1	Coating; Impregnating; Water proofing; Decoating	<administrative transfer to B31B70/79>
D	B31B2219/88	1	Printing or embossing	<administrative transfer to B31B70/88>
D	B31B2219/90	1	Forming or attaching accessories	<administrative transfer to B31B70/81>
D	B31B2219/9003	2	Applying patches, strips or strings on sheets or webs	<administrative transfer to B31B70/812>
D	B31B2219/9006	3	Applying patches	<administrative transfer to B31B70/8122>
D	B31B2219/9009	3	Applying strips	<administrative transfer to B31B70/8123>
D	B31B2219/9012	2	Applying closure elements	<administrative transfer to B31B70/813>
D	B31B2219/9016	3	Making bags having interengaging closure elements	<administrative transfer to B31B70/8131>
D	B31B2219/9019	4	Applying the closure elements in the machine direction	<administrative transfer to B31B70/8132>
D	B31B2219/9022	4	Applying the closure elements in the cross direction	<administrative transfer to B31B70/8133>
D	B31B2219/9025	3	Applying strings; Making string-closed bags	<administrative transfer to B31B70/8134>
D	B31B2219/9029	4	the strings being applied in the machine direction	<administrative transfer to B31B70/8135>
D	B31B2219/9032	4	the strings being applied in the cross direction	<administrative transfer to B31B70/8136>
D	B31B2219/9035	4	the ends of the strings being attached to the side edges of the bags	<administrative transfer to B31B70/8137>
D	B31B2219/9038	2	Forming or attaching windows	<administrative transfer to B31B70/82>
D	B31B2219/9041	3	by making paper transparent or translucent, by applying transparent melt	<administrative transfer to B31B70/822>
D	B31B2219/9045	3	involving applying window patches	<administrative transfer to B31B70/826>
D	B31B2219/9048	3	involving cutting windows	<administrative transfer to B31B70/83>
D	B31B2219/9051	2	Forming valves or applying valve inserts	<administrative transfer to B31B70/84>
D	B31B2219/9054	3	Applying rigid valves, spouts, or filling tubes	<administrative transfer to B31B70/844>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2219/9058	3	Forming valves integral with the bags	<administrative transfer to B31B70/855>
D	B31B2219/9061	4	by deforming, e.g. stretching, the bag	<administrative transfer to B31B70/857>
D	B31B2219/9064	4	involving turning the bags inside out	<administrative transfer to B31B70/859>
D	B31B2219/9067	3	Applying patches or flexible valve inserts, e.g. involving making of the inserts	<administrative transfer to B31B70/85>
D	B31B2219/907	4	Applying valve inserts on tubular webs, e.g. from the inside	<administrative transfer to B31B70/853>
D	B31B2219/9074	2	Forming integral handles or mounting separate handles	<administrative transfer to B31B70/86>
D	B31B2219/9077	3	Mounting separate handles on bags, sheets or webs	<administrative transfer to B31B70/864>
D	B31B2219/908	4	Applying handles on a moving web followed by longitudinal folding	<administrative transfer to B31B70/866>
D	B31B2219/9083	4	Applying handles on a moving web followed by transverse folding	<administrative transfer to B31B70/868>
D	B31B2219/9087	4	Applying handles on one side of a moving longitudinally folded web, e.g. after cutting a tubular web longitudinally, or on both sides of a moving web and folding this web longitudinally afterwards	<administrative transfer to B31B70/87>
D	B31B2219/909	3	Forming integral handles on bags	<administrative transfer to B31B70/872>
D	B31B2219/9093	3	involving punching or cutting	<administrative transfer to B31B70/874>
D	B31B2219/9096	3	involving application of reinforcement strips or patches; involving reinforcements obtained by folding	<administrative transfer to B31B70/876>
D	B31B2219/92	1	Delivering	<administrative transfer to B31B70/92>
D	B31B2219/921	2	singly or in succession	<administrative transfer to B31B70/94>
D	B31B2219/922	3	in overlapping arrangement	<administrative transfer to B31B70/96>
D	B31B2219/923	3	by winding up	<administrative transfer to B31B70/942>
D	B31B2219/924	3	the bags being interconnected	<administrative transfer to B31B70/946>
D	B31B2219/925	2	in stacks or bundles	<administrative transfer to B31B70/98>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2219/926	3	involving folding of the bags	<administrative transfer to B31B70/982>
D	B31B2219/927	3	Stacking bags on wicket pins	<administrative transfer to B31B70/984>
D	B31B2219/928	3	Stacking bags by means of a rotary stacking drum	<administrative transfer to B31B70/986>
D	B31B2219/929	3	Assembling or block-forming of bags; Loading bags on a mandrel	<administrative transfer to B31B70/988>
D	B31B2219/94	1	Involving a particular layout of the machinery or relative arrangement of its subunits	<administrative transfer to B31B70/005>
D	B31B2219/95	1	Controlling; Regulating; Measuring; Safety measures	<administrative transfer to B31B70/006>
D	B31B2221/00	0	Making bags from sheets	<administrative transfer to B31B2150/00>
D	B31B2221/05	1	the bags having multilayered walls, e.g. lined or laminated	<administrative transfer to B31B2150/00 and B31B2170/20 simultaneously>
D	B31B2221/055	2	Applying liners in already made bags, e.g. including turning the bags inside out	<administrative transfer to B31B2150/00 and B31B2170/202 simultaneously>
D	B31B2221/10	1	the bags having no structural provision at the base for thickness of content, e.g. flat bags	<administrative transfer to B31B2150/00 and B31B2160/10 simultaneously>
D	B31B2221/102	2	obtained from essentially rectangular sheets	<administrative transfer to B31B2150/00 and B31B2160/102 simultaneously>
D	B31B2221/105	2	obtained from rhombus shaped sheets	<administrative transfer to B31B2150/00 and B31B2160/104 simultaneously>
D	B31B2221/107	2	obtained from sheets cut from larger sheets or webs before finishing the bag forming operations	<administrative transfer to B31B2150/00 and B31B2160/106 simultaneously>
D	B31B2221/20	1	the bags having structural provision at the base for thickness of content	<administrative transfer to B31B2150/00 and B31B2160/20 simultaneously>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2221/25	1	the bags being of pointed or tapered shape	<administrative transfer to B31B2150/00 and B31B2160/30 simultaneously>
D	B31B2221/40	1	involving square or cross bottom forming	<administrative transfer to B31B2150/001>
D	B31B2221/402	2	the bags having their openings facing in the direction of movement	<administrative transfer to B31B2150/0012>
D	B31B2221/405	2	the bags having their openings facing transversally to the direction of movement	<administrative transfer to B31B2150/0014>
D	B31B2221/407	2	starting from already formed bags	<administrative transfer to B31B2150/0016>
D	B31B2221/50	1	involving joining superimposed sheets, e.g. with separate bottom sheets	<administrative transfer to B31B2150/002>
D	B31B2221/60	1	starting from tubular sheets	<administrative transfer to B31B2150/003>
D	B31B2237/00	0	Making bags from webs	<administrative transfer to B31B2155/00>
D	B31B2237/05	1	the bags having multilayered walls, e.g. lined or laminated	<administrative transfer to B31B2170/20 and B31B2155/00 simultaneously>
D	B31B2237/055	2	involving folding a web about an already tubular web	<administrative transfer to B31B2170/204 and B31B2155/00 simultaneously>
D	B31B2237/10	1	the bags having no structural provision at the base for thickness of content, e.g. flat bags	<administrative transfer to B31B2160/10 and B31B2155/00 simultaneously>
D	B31B2237/20	1	the bags having structural provision at the base for thickness of content	<administrative transfer to B31B2160/20 and B31B2155/00 simultaneously>
D	B31B2237/25	1	the bags being of pointed or tapered shape	<administrative transfer to B31B2160/30 and B31B2155/00 simultaneously>
D	B31B2237/40	1	involving folding webs longitudinally	<administrative transfer to B31B2155/001>
D	B31B2237/403	2	the bags having their openings facing in the direction of movement	<administrative transfer to B31B2155/0012>

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	B31B2237/406	2	the bags having their openings facing transversally to the direction of movement	<administrative transfer to B31B2155/0014>
D	B31B2237/50	1	involving joining superimposed webs, e.g. with separate bottom webs	<administrative transfer to B31B2155/002>
D	B31B2237/60	1	starting from tubular webs	<administrative transfer to B31B2155/003>
C	B31B2241/00	0	Making bags or boxes intended for a specific use	B31B2241/00, B31B2160/00
C	B31B2241/001	1	Making bottle carriers	B31B2241/001, B31B2160/00
C	B31B2241/002	1	Making egg cartons	B31B2241/002, B31B2160/00
C	B31B2241/003	1	Making cigarette boxes	B31B2241/003, B31B2160/00
C	B31B2241/005	1	Making paper bottles	B31B2241/005, B31B2160/00
C	B31B2241/006	1	Making envelopes holding bar-shaped objects, e.g. cigar holders	B31B2241/006, B31B2160/00
C	B31B2241/007	1	Making recording disc envelopes	B31B2241/007, B31B2160/00
C	B31B2241/008	1	Making suction cleaner bags	B31B2241/008, B31B2160/00
C	B31B2247/00	0	Manual operations for making bags or boxes	B31B2247/00, B31B50/99, B31B70/99

SUBCLASS B31C - MAKING WOUND ARTICLES, e.g. WOUND TUBES, OF PAPER OR CARDBOARD

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	B31C		MAKING WOUND ARTICLES, e.g. WOUND TUBES, OF PAPER, CARDBOARD OR MATERIAL WORKED IN A MANNER ANALOGOUS TO PAPER	
M	B31C1/00	0	Making tubes or pipes by feeding at right angles to the winding mandrel centre line	
M	B31C3/00	0	Making tubes or pipes by feeding obliquely to the winding mandrel centre line	
M	B31C5/00	0	Making tubes or pipes without using mandrels	
M	B31C7/00	0	Making conical articles by winding	
M	B31C11/00	0	Machinery for winding combined with other machinery	

SUBCLASS B31D - MAKING ARTICLES OF PAPER OR CARDBOARD NOT PROVIDED FOR IN SUBCLASSES B31B OR B31C

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	B31D		MAKING ARTICLES OF PAPER, CARDBOARD OR MATERIAL WORKED IN A MANNER ANALOGOUS TO PAPER, NOT PROVIDED FOR IN SUBCLASSES B31B OR B31C (manufacture by dry processes of articles made from particles or fibres consisting of wood or other lignocellulosic or like organic material B27N; making layered products not composed wholly of paper or cardboard B32B; making articles from cellulosic fibrous suspensions, e.g. wood pulp, D21J)	
C	B31D1/00	0	Multiple-step processes for making flat articles {; Making flat articles }	B31D1/00, B31B50/00
C	B31D3/00	0	Making articles of cellular structure, e.g. insulating board	B31D3/00, B31B50/00
M	B31D3/04	1	cellular packaging articles, e.g. for bottles	
C	B31D5/00	0	Multiple-step processes for making three-dimensional articles {; Making three-dimensional articles }	B31D5/00, B31B50/00
C	B31D5/0039	1	{for making dunnage or cushion pads}	B31D5/0039, B31D5/04
C	B31D5/02	1	including pressing	B31D5/02, B31B50/00
C	B31D5/04	1	including folding or pleating, e.g. Chinese lanterns	B31D5/04, B31B50/00
C	B31D99/00	0	Subject matter not provided for in other groups of this subclass	B31D99/00, B31B50/00

SUBCLASS B31F - MECHANICAL WORKING OR DEFORMATION OF PAPER OR CARDBOARD

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	B31F		MECHANICAL WORKING OR DEFORMATION OF PAPER, CARDBOARD OR MATERIAL WORKED IN A MANNER ANALOGOUS TO PAPER (making layered products not composed wholly of paper or cardboard B32B)	
M	B31F1/00	0	Mechanical deformation without removing material, e.g. in combination with laminating	
U	B31F1/0038	2	{Rim-rolling}	
C	B31F1/0041	3	{combined with joining}	B31F1/0041, B31F5/00
U	B31F1/0077	1	{Shaping by methods analogous to moulding, e.g. deep drawing techniques}	

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C	B31F1/008	1	{Shaping of tube ends, e.g. flanging, belling, closing, rim-rolling or corrugating; Fixing elements to tube ends}	B31F1/008, B31F5/00
U	B31F1/0087	2	{Rim-rolling}	
C	B31F1/009	3	{combined with joining, e.g. for fixing a closure element}	B31F1/009, B31F5/00
M	B31F1/12	1	Crêping	
M	B31F1/20	1	Corrugating; Corrugating combined with laminating to other layers	
E	B31F5/00	0	Attaching together sheets, strips or webs; Reinforcing edges	
M	B31F7/00	0	Processes not otherwise provided for	
M	B31F7/02	1	Breaking coatings, e.g. on paper or cardboard	

*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; E= 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).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except "D" which requires only a symbol.
- #"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>" or "<administrative transfer to XX and YY simultaneously>" when administrative transfer of the same documents is to more than one place.
  B. Administrative transfer to main trunk groups is assumed to be "invention information", unless otherwise indicated, and to 2000 series groups is assumed to be "additional information".

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

SUBCLASS B31B - MAKING BOXES, CARTONS, ENVELOPES OR BAGS OF PAPER OR CARDBOARD

Type*	Location	Old Warning notice	New/Modified Warning notice
D	B31B	The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups: B31B7/02 covered by B31B1/02 B31B7/14 covered by B31B1/14 B31B7/60 covered by B31B1/60 B31B7/74 covered by B31B1/74 B31B9/00 covered by B31B3/00 B31B9/02 covered by B31B3/02 B31B9/14 covered by B31B3/14 B31B9/26 covered by B31B3/26 B31B9/60 covered by B31B3/60 B31B9/74 covered by B31B3/74 B31B11/02 covered by B31B1/02 B31B11/14 covered by B31B1/14 B31B11/26 covered by B31B1/26 B31B11/60 covered by B31B1/60 B31B11/74 covered by B31B1/74 B31B13/02 covered by B31B1/02 B31B13/14 covered by B31B1/14 B31B13/60 covered by B31B1/60 B31B13/74 covered by B31B1/74 B31B15/14 covered by B31B1/14 B31B15/26 covered by B31B1/26 B31B15/60 covered by B31B1/60 B31B15/74 covered by B31B1/74 B31B21/02 covered by B31B19/02 B31B21/14 covered by B31B19/14 B31B21/26 covered by B31B19/26 B31B21/60 covered by B31B19/60 B31B21/74 covered by B31B19/74 B31B23/02 covered by B31B19/02, B31B23/00 B31B23/14 covered by B31B19/14, B31B23/00 B31B23/26 covered by B31B19/26, B31B23/00 B31B23/60 covered by B31B19/60, B31B23/00 B31B23/74 covered by B31B19/74, B31B23/00 B31B25/02 covered by B31B19/02, B31B25/00 B31B25/14 covered by B31B19/14, B31B25/00 B31B25/26 covered by B31B19/26, B31B25/00 B31B25/60 covered by B31B19/60, B31B25/00 B31B25/74 covered by B31B19/74, B31B25/00 B31B27/02 covered by B31B19/02, B31B27/00 B31B27/14 covered by B31B19/14, B31B27/00 B31B27/26 covered by B31B19/26, B31B27/00	

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Type*	Location	Old Warning notice	New/Modified Warning notice
		B31B27/60 covered by B31B19/60, B31B27/00 B31B27/74 covered by B31B19/74, B31B27/00 B31B29/02 covered by B31B19/02, B31B29/00 B31B29/14 covered by B31B19/14, B31B29/00 B31B29/26 covered by B31B19/26, B31B29/00 B31B31/00 covered by B31B29/00 B31B31/02 covered by B31B19/02, B31B29/00 B31B31/14 covered by B31B19/14, B31B29/00 B31B31/26 covered by B31B19/26, B31B29/00 B31B31/60 covered by B31B29/60 B31B31/74 covered by B31B29/74 B31B33/00 covered by B31B29/00 B31B33/02 covered by B31B19/02, B31B29/00 B31B33/14 covered by B31B19/14, B31B29/00 B31B33/26 covered by B31B19/26, B31B29/00 B31B33/60 covered by B31B29/60 B31B33/74 covered by B31B29/74 B31B35/00 covered by B31B29/00 B31B35/02 covered by B31B19/02, B31B29/00 B31B35/14 covered by B31B19/14, B31B29/00 B31B35/26 covered by B31B19/26, B31B29/00 B31B35/60 covered by B31B29/60 B31B35/74 covered by B31B29/74 B31B37/02 covered by B31B19/02, B31B37/00 B31B37/14 covered by B31B19/14, B31B37/00 B31B37/26 covered by B31B19/26, B31B37/00 B31B37/60 covered by B31B19/60, B31B37/00 B31B37/74 covered by B31B19/74, B31B37/00 B31B39/02 covered by B31B19/02, B31B39/00 B31B39/14 covered by B31B19/14, B31B39/00 B31B39/26 covered by B31B19/26, B31B39/00 B31B39/60 covered by B31B19/60, B31B39/00 B31B41/02 covered by B31B19/02, B31B41/00 B31B41/14 covered by B31B19/14, B31B41/00 B31B41/26 covered by B31B19/26, B31B41/00 B31B41/60 covered by B31B19/60, B31B41/00 B31B41/74 covered by B31B19/74, B31B41/00	
N	B31B 50/00		Group B31B 50/00 is incomplete pending reclassification of documents from groups B31D 1/00, B31D 3/00, B31D 5/00, B31D 5/02, B31D 5/04 and B31D 99/00. Group B31B 50/00 is also impacted by reclassification into group B31B 50/59. All groups listed in this warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 50/02		Group B31B 50/02 is impacted by reclassification into groups B31B 50/022 - B31B 50/12. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/022		Groups B31B 50/022 - B31B 50/12 are incomplete pending reclassification of documents from group B31B 50/02. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B50/06		Group B31B 50/06 is incomplete pending reclassification of documents from group B31B 50/02. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B50/07		Group B31B 50/07 is incomplete pending reclassification of documents from group B31B50/02. Groups B31B50/02 and B31B 50/07 should be considered in order to perform a complete search.
N	B31B50/12		Group B31B 50/12 is incomplete pending reclassification of documents from group B31B50/02. Groups B31B50/02 and B31B 50/12 should be considered in order to perform a complete search.
N	B31B 50/14		Group B31B 50/14 is impacted by reclassification into groups B31B 50/142 - B31B 50/22 and B31B 50/83. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/142		Groups B31B 50/142 - B31B 50/22 are incomplete pending reclassification of documents from group B31B 50/14. All groups listed in this warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 50/16		Group B31B 50/16 is incomplete pending reclassification of documents from group B31B 50/14. Group B31B 50/16 is also impacted by reclassification into group B31B 50/18. Groups B31B 50/14, B31B50/16 and B31B 50/18 should be considered in order to perform a complete search.
N	B31B 50/18		Group B31B 50/18 is incomplete pending reclassification of documents from groups B31B50/14 and B31B 50/16. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/20		Groups B31B 50/20 and B31B50/22 are incomplete pending reclassification of documents from group B31B 50/14. Groups B31B50/14, B31B50/20 and B31B50/22 should be considered in order to perform a complete search.
N	B31B 50/26		Group B31B 50/26 is impacted by reclassification into groups B31B 50/262 - B31B 50/585. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/262		Group B31B 50/262 is incomplete pending reclassification of documents from group B31B 50/26. Groups B31B50/26 and B31B50/262 should be considered in order to perform a complete search.
N	B31B 50/28		Groups B31B50/28 - B31B50/34 are incomplete pending reclassification of documents from group B31B 50/26. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 50/36		Group B31B 50/36 is incomplete pending reclassification of documents from group B31B 50/26. Group B31B 50/36 is also impacted by reclassification into groups B31B 50/38, B31B 50/40 and B31B 50/42. All groups listed in this warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 50/38		Groups B31B 50/38, B31B 50/40 and B31B 50/42 are incomplete pending reclassification of documents from groups B31B50/26 and B31B 50/36. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/44		Group B31B50/44 is incomplete pending reclassification of documents from groups B31B50/26, B31B50/52 and B31B50/54. Group B31B 50/44 is also impacted by reclassification into groups B31B50/442 and B31B50/444. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/442		Groups B31B 50/442 and B31B50/444 are incomplete pending reclassification of documents from groups B31B50/26, B31B50/44, B31B50/52 and B31B50/54. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/46		Group B31B 50/46 is incomplete pending reclassification of documents from groups B31B 50/26, B31B50/52 and B31B50/54. Group B31B 50/46 is also impacted by reclassification into groups B31B 50/48 and B31B 50/50. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/48		Groups B31B 50/48 and B31B 50/50 are incomplete pending reclassification of documents from groups B31B50/26, B31B 50/46, B31B50/52 and B31B50/54. All groups listed in this warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 50/52		Group B31B50/52 is incomplete pending reclassification of documents from group B31B50/26. Group B31B50/52 is also impacted by reclassification into groups B31B 50/54 and B31B50/44-B31B50/50. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/54		Group B31B50/54 is incomplete pending reclassification of documents from groups B31B50/26 and B31B 50/52. Group B31B50/54 is also impacted by reclassification into groups B31B50/44-B31B50/50. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B50/56		Groups B31B 50/56, B31B 50/58 and B31B50/585 are incomplete pending reclassification of documents from groups B31B50/26. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 50/59		Group B31B 50/59 is incomplete pending reclassification of documents from group B31B 50/00. Groups B31B 50/00 and B31B 50/59 should be considered in order to perform a complete search.
N	B31B 50/60		Group B31B 50/60 is impacted by reclassification into groups B31B 50/61 - B31B 50/734. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/61		Groups B31B 50/61is incomplete pending reclassification of documents from group B31B 50/60. Groups B31B50/60 and B31B50/61 should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 50/62		Group B31B 50/62 - B31B 50/626 are incomplete pending reclassification of documents from groups B31B50/60 and B31B 50/64. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/64		Group B31B 50/64 is incomplete pending reclassification of documents from group B31B 50/60. Group B31B 50/64 is also impacted by reclassification into groups B31B 50/62, B31B 50/622, B31B 50/624, B31B 50/626, and B31B 50/66. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B50/642		Groups B31B 50/642 - B31B 50/649 are incomplete pending reclassification of documents from groups B31B 50/60. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 50/66		Group B31B 50/66 is incomplete pending reclassification of documents from groups B31B50/60 and B31B 50/64. Groups B31B 50/60, B31B 50/64 and B31B 50/66 should be considered in order to perform a complete search.
N	B31B50/68		Groups B31B 50/68 - B31B 50/70 are incomplete pending reclassification of documents from groups B31B 50/60. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B50/72		Groups B31B 50/72 - B31B 50/726 are incomplete pending reclassification of documents from groups B31B 50/60. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B50/734		Groups B31B 50/73 - B31B 50/734 are incomplete pending reclassification of documents from groups B31B50/60. All groups listed in this Warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 50/74		Group B31B 50/74 is impacted by reclassification into groups B31B 50/741 - B31B 50/98. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/741		Group B31B 50/741 is incomplete pending reclassification of documents from group B31B 50/74. Groups B31B 50/741 and B31B50/74 should be considered in order to perform a complete search.
N	B31B 50/742		Groups B31B 50/742 - B31B 50/756 are incomplete pending reclassification of documents from group B31B 50/74. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 50/76		Group B31B 50/76 is incomplete pending reclassification of documents from group B31B 50/74. Groups B31B 50/76 and B31B 50/74 should be considered in order to perform a complete search.
N	B31B 50/81		Group B31B 50/81 is incomplete pending reclassification of documents from B31B50/74. Group B31B50/81 is also impacted by reclassification into groups B31B 50/84 and B31B 50/85. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 50/811		Groups B31B 50/811-B31B 50/8144 are incomplete pending reclassification of documents from group B31B 50/74. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 50/82		Group B31B 50/82 is incomplete pending reclassification of documents from B31B50/74. Group B31B50/82 is also impacted by reclassification into group B31B 50/83. All groups listed in this Warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B50/83		Group B31B 50/83 is incomplete pending reclassification of documents from groups B31B 50/74 and B31B 50/82. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 50/84		Group B31B 50/84 is incomplete pending reclassification of documents from groups B31B50/74 and B31B50/81. Group B31B50/84 is also impacted by reclassification into groups B31B 50/85. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B50/85		Group B31B 50/85 is incomplete pending reclassification of documents from groups B31B50/74, B31B 50/81 and B31B 50/84. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 50/86		Groups B31B 50/86 - B31B 50/98 are incomplete pending reclassification of documents from group B31B 50/74. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 50/99		Group B31B 50/99 is incomplete pending reclassification of documents from group B31B2247/00. Group B31B 50/99 is also impacted by reclassification into group B31B 70/99. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/008		Group B31B 70/008 is impacted by reclassification into group B31B 70/876. Groups B31B 70/008 and B31B 70/876 should be considered in order to perform a complete search.
N	B31B 70/14		Group B31B 70/14 is impacted by reclassification into group B31B 70/83. Groups B31B 70/14 and B31B 70/83 should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 70/60		Group B31B 70/60 is impacted by reclassification into groups B31B 70/61 - B31B 70/68. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/61		Groups B31B 70/61- B31B 70/68 are incomplete pending reclassification of documents from group B31B 70/60. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/74		Group B31B 70/74 is impacted by reclassification into groups B31B 70/76 - B31B 70/988. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/76		Group B31B 70/76 is incomplete pending reclassification of documents from group B31B70/74. Groups B31B70/74 and B31B70/76 should be considered in order to perform a complete search.
N	B31B70/79		Group B31B 70/79 is incomplete pending reclassification of documents from group B31B70/74. Groups B31B70/74 and B31B70/79 should be considered in order to perform a complete search.
N	B31B70/81		Groups B31B 70/81- B31B 70/8137 are incomplete pending reclassification of documents from group B31B 70/74. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/82		Group B31B 70/82 is incomplete pending reclassification of documents from group B31B 70/74. Group B31B 70/82 is also impacted by reclassification into groups B31B70/822, B31B70/826 and B31B 70/83. All groups listed in this warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 70/822		Groups B31B 70/822-70/826 are incomplete pending reclassification of documents from group B31B70/74 and B31B70/82. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/83		Group B31B 70/83 is incomplete pending reclassification of documents from groups B31B 70/14, B31B 70/74 and B31B 70/82. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/84		Group B31B 70/84 is incomplete pending reclassification of documents from group B31B 70/74. Group B31B 70/84 is also impacted by reclassification into groups B31B 70/844 - B31B 70/859. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/844		Groups B31B 70/844 - B31B 70/859 are incomplete pending reclassification of documents from groups B31B70/74 and B31B 70/84. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/86		Groups B31B 70/86 - B31B 70/874 are incomplete pending reclassification of documents from group B31B 70/74. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/876		Group B31B 70/876 is incomplete pending reclassification of documents from groups B31B 70/008 and B31B70/74. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 70/88		Groups B31B 70/88 - B31B 70/988 are incomplete pending reclassification of documents from group B31B 70/74. All groups listed in this warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 70/99		Group B31B 70/99 is incomplete pending reclassification of documents from groups B31B 50/99 and B31B 2247/00. Groups B31B 50/99, B31B 2247/00 and B31B 70/99 should be considered in order to perform a complete search.
N	B31B 2100/00		Group B31B 2100/00 is impacted by reclassification into groups B31B 2100/002 - B31B 2100/0028. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2100/002		Groups B31B 2100/002 - B31B 2100/0028 are incomplete pending reclassification of documents from group B31B 2100/00. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2105/00		Group B31B 2105/00 is impacted by reclassification into groups B31B 2105/001 - B31B 2105/0027. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2105/001		Groups B31B 2105/001 - B31B 2105/0027 are incomplete pending reclassification of documents from group B31B 2105/00. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2110/00		Group B31B 2110/00 is impacted by reclassification into groups B31B 2110/10 - B31B 2110/40. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2110/10		Groups B31B 2110/10 - B31B 2110/40 are incomplete pending reclassification of documents from group B31B 2110/00. All groups mentioned should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 2120/00		Group B31B 2120/00 is impacted by reclassification into groups B31B2120/002 - B31B2120/70. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2120/002		Groups B31B 2120/002 – B31B 2120/70 are incomplete pending reclassification of documents from group B31B 2120/00. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2150/00		Group B31B 2150/00 is impacted by reclassification into groups B31B 2150/001 – B31B 2150/20, B31B 2170/00 and B31B 2170/30. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2150/001		Groups B31B 2150/001 – B31B 2150/20 are incomplete pending reclassification of documents from group B31B 2150/00. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2155/00		Group B31B 2155/00 is impacted by reclassification into groups B31B 2155/001 – B31B 2155/003, B31B 2170/00 and B31B 2170/30. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2155/001		Groups B31B 2155/001 – B31B 2155/003 are incomplete pending reclassification of documents from group B31B 2150/00. All groups mentioned should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 2160/00		Group B31B 2160/00 is incomplete pending reclassification of documents from groups B31B 2241/00 – B31B 2241/008. Group B31B 2160/00 is also impacted by reclassification into groups B31B 2160/10 – B31B 2160/30. All groups mentioned should be considered in order to perform a complete search.
N	B31B 2160/10		Group B31B 2160/10 is incomplete pending reclassification of documents from group B31B 2160/00. Group B31B 2160/10 is also impacted by reclassification into groups B31B 2160/102 - B31B 2160/106. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 2160/102		Groups B31B 2160/102 – B31B 2160/106 are incomplete pending reclassification of documents from groups B31B 2160/00 and B31B 2160/10. All groups listed in this Warning should be considered in order to perform a complete search.
N	B31B 2160/20		Groups B31B 2160/20 and B31B 2160/30 are incomplete pending reclassification of documents from B31B 2160/00. All groups listed in this Warning should be considered in order to perform a complete search
N	B31B 2170/00		Group B31B 2170/00 is incomplete pending reclassification of documents from groups B31B 2150/00 and B31B 2155/00. Group B31B 2170/00 is also impacted by reclassification into groups B31B 2170/10 – B31B 2170/30. All groups listed in this warning should be considered in order to perform a complete search.

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31B 2170/10		Groups B31B2170/10 – B31B 2170/204 are incomplete pending reclassification of documents from group B31B 2170/00. Groups B31B2170/00 - B31B2170/204 should be considered in order to perform a complete search.
N	B31B 2170/30		Groups B31B 2170/30 is incomplete pending reclassification of documents from groups B31B 2150/00, B31B 2155/00 and B31B 2170/00. All groups listed in this warning should be considered in order to perform a complete search.
N	B31B 2241/00		Groups B31B 2241/00 – 2241/008 are impacted by reclassification into group B31B 2160/00. Groups B31B 2241/00 – B31B 2241/008 and B31B 2160/00 should be considered in order to perform a complete search.
N	B31B 2247/00		Group B31B 2247/00 is impacted by reclassification into groups B31B 50/99 and B31B 70/99. Groups B31B 2247/00, B31B 50/99 and B31B 70/99 should be considered in order to perform a complete search.

SUBCLASS B31D - MAKING ARTICLES OF PAPER OR CARDBOARD NOT PROVIDED FOR IN SUBCLASSES B31B OR B31C

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31D 1/00		Group B31D 1/00 is impacted by reclassification into group B31B 50/00. Groups B31D 1/00 and B31B 50/00 should be considered in order to perform a complete search.
N	B31D 3/00		Group B31D 3/00 is impacted by reclassification into group B31B 50/00. Groups B31D 3/00 and B31B 50/00 should be considered in order to perform a complete search.
N	B31D 5/00		Group B31D 5/00 is impacted by reclassification into group B31B 50/00. Groups B31D 5/00 and B31B 50/00 should be considered in order to perform a complete search.
N	B31D 5/02		Group B31D 5/02 is impacted by reclassification into group B31B 50/00. Groups B31D 5/02 and B31B 50/00 should be considered in order to perform a complete search.

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Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31D 5/0039		Group B31D 5/0039 is impacted by reclassification into group B31D 5/04. Groups B31D 5/0039 and B31D 5/04 should be considered in order to perform a complete search.
N	B31D 5/04		Group B31D 5/04 is incomplete pending reclassification of documents from group B31D 5/0039. Group B31D 5/04 is also impacted by reclassification into group B31B 50/00. Groups B31D 5/04, B31D 5/0039, and B31B 50/00 should be considered in order to perform a complete search.
N	B31D 99/00		Group B31D 99/00 is impacted by reclassification into group B31B 50/00. Groups B31D 99/00 and B31B 50/00 should be considered in order to perform a complete search.

SUBCLASS B31F - MECHANICAL WORKING OR DEFORMATION OF PAPER OR CARDBOARD

Type*	Location	Old Warning notice	New/Modified Warning notice
N	B31F 1/0041		Group B31F 1/0041 is impacted by reclassification into group B31F 5/00. Groups B31F 1/0041 and B31F 5/00 should be considered in order to perform a complete search.
N	B31F 1/008		Group B31F 1/008 is impacted by reclassification into group B31F 5/00. Groups B31F 1/008 and B31F 5/00 should be considered in order to perform a complete search.
N	B31F 1/009		Group B31F 1/009 is impacted by reclassification into group B31F 5/00. Groups B31F 1/009 and B31F 5/00 should be considered in order to perform a complete search.
N	B31F 5/00		Group B31F 5/00 is incomplete pending reclassification of documents from groups B31F 1/0041, B31F 1/008 and B31F 1/009. Groups B31F 5/00, B31F 1/0041, B31F 1/008 and B31F 1/009 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.

C. New, Modified or Deleted Note(s)

CLASS B31 - MAKING ARTICLES OF PAPER OR CARDBOARD; WORKING PAPER OR CARDBOARD

Type*	Location	Old Note	New/Modified Note
D	B31	1. The word "paper" in this class is to be interpreted as covering material worked in a manner analogous to paper, e.g. plastic sheet materials, laminated materials or metal foils. This class does not include making articles directly from paper pulp, which is covered by D21J. 2. This class is to be understood as restricted to adaptations or associations of handling sheets, webs, or blank peculiar to paper-working, e.g. bag or box making, machinery. Handling sheets, webs, or blanks of wider applicability, irrespective of whether described or claimed only for paper-working machinery, is to be regarded as of a more comprehensive nature and as such classified in B65H.	
N	B31		1. This class <u>covers</u> subject matter restricted to adaptations or associations of handling sheets, webs, or blanks peculiar to paper-working, e.g. bag or box making, machinery. 2. This class <u>does not cover</u>: • making articles directly from paper pulp, which is covered by D21J; • handling sheets, webs or blanks of wider applicability, irrespective of whether described

Type*	Location	Old Note	New/Modified Note
			or claimed only for paper-working machinery, which is regarded as being of a more comprehensive nature and is covered by B65H. 3. Sheet materials made from plastics, laminated materials and metal foils are examples of materials that can be worked in a manner analogous to paper.

SUBCLASS B31B - MAKING BOXES, CARTONS, ENVELOPES OR BAGS OF PAPER OR CARDBOARD

Type*	Location	Old Note	New/Modified Note
D	B31B	1. In this subclass, envelopes or bags are regarded as being essentially flexible containers, the final shape of which is determined by their contents. 2. In this subclass, the following expression is used with the meaning indicated: – "boxes or cartons" includes bags formed similarly to cartons, trays with upstanding side-walls, barrels, tubes and cups, other than articles formed by winding. 3. In this subclass, it is desirable to add the indexing codes of B31B 2201/00 - B31B 2247/00	
N	B31B		In this subclass, the following terms or expressions are used with the meanings indicated: • "rigid or semi-rigid containers" includes: 　• containers not deformed by, or not taking-up the shape of, their contents; 　• containers adapted to be temporarily deformed to expel their contents;

Type*	Location	Old Note	New/Modified Note

			• pallets;
			• trays;
			
			• "flexible containers" includes:
			
			   • containers deformed by, or taking up the shape of, their contents;
			   • containers adapted to be permanently deformed to expel their contents.

D	B31B1/00	Envelope or bag making machinery characterised by performing specific operations is classified in the respective subgroups of group B31B 19/00 (or of groups B31B 23/00 - B31B 29/00, B31B 37/00 - B31B 41/00)	
D	B31B11/00	Making non-integral partitions or like inserts is classified in group B31B 11/00	
D	B31B17/00	The term "other boxes or cartons" is understood as to cover subject matter other than that of groups B31B 7/00, B31B 11/00, B31B 13/00 or B31B 15/00	
D	B31B49/00	Processes dependent on the use of specific machinery provided for in groups B31B 1/00 - B31B 45/00 are classified in those groups.	
N	B31B50/00		In this group, it is desirable to add the indexing codes of groups B31B 2100/00 – B31B 2120/00.
N	B31B70/00		1. Processes or apparatus for making both flexible containers and rigid or semi-rigid containers are classified in group B31B 50/00. 2. In this group, it is desirable to add the indexing codes of groups B31B 2150/00 - B31B 2170/00.

*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.

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

SUBCLASS B31B – Making containers of paper, cardboard or material worked in a manner analogous to paper

Type*	Location	Old Guidance Heading	New/Modified Guidance Heading
D	B31B 3/00	Machinery for making boxes or cartons	
D	B31B 19/00	Machinery for making envelopes or bags **NOTE** Machinery for making boxes or cartons as well as envelopes or bags are classified in groups B31B 3/00 - B31B 17/00.	
N	B31B 2100/00		Indexing scheme associated with group B31B 50/00, relating to making of rigid or semi-rigid containers
N	B31B 2150/00		Indexing scheme associated with group B31B 70/00, relating to making of flexible containers

*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
B31B	References		Add the following **new** section: ***Limiting references*** Making wound articles, e.g. wound tubes B31C Combined making and filling B65B
B31B	Special rules of classification (first paragraph)	When a document is classified in one of the classes B31B1/00 to B31B49/04 it must also classified completely in the groups by allocating the appropriate deep Indexing Codes as provided for in B31B2201/00 to B31B2247/00. Classification in B31B2201/00 to B31B2247/00 is mandatory.	Replace with: When a document is classified in one of the groups B31B50/00 - B31B70/99, it must also be classified completely in the groups by allocating the appropriate Indexing Codes as provided for in B31B2100/00 - B31B2170/30 and B31B2247/00. Classification in B31B2100/00 - B31B 2170/00 is mandatory.
B31B	Special rules of classification (5th paragraph, list of symbols)	B31B23/00	Delete the symbol.
B31B	Special rules of classification (5th paragraph, list of symbols)	B31B2219/909	Delete the existing symbol and **replace** with: B31B70/872
B31B	Special rules of classification (5th paragraph, list of symbols)	B31B2219/9093	Delete the existing symbol and **replace** with: B31B70/874
B31B	Special rules of classification (5th paragraph, list of symbols)	B31B2237/05	Delete the existing symbol and **replace** with: B31B2170/20
B31B	Special rules of classification (5th paragraph, list of symbols)	B31B2237/10	Delete the existing symbol and **replace** with: B31B2160/10
B31B	Special rules of classification (5th paragraph, list of symbols)	B31B2237/60	Delete the existing symbol and **replace** with: B31B2155/003
B31B1/00			Delete the entire definition.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B31B3/00			Delete the entire definition.
B31B5/00			Delete the entire definition.
B31B7/00			Delete the entire definition.
B31B11/00			Delete the entire definition.
B31B13/00			Delete the entire definition.
B31B15/00			Delete the entire definition.
B31B17/00			Delete the entire definition.
B31B19/00			Delete the entire definition.
B31B29/00			Delete the entire definition.
B31B43/00			Delete the entire definition.
B31B45/00			Delete the entire definition.
B31B47/00			Delete the entire definition.
B31B49/00			Delete the entire definition.
B31B 2201/00	Special rules of classification	B31B 2201/00	B31B 50/00
B31B 2201/00	Special rules of classification	B31B 2203/00	B31B 2100/00
B31B 2201/00	Special rules of classification	B31B 2217/00	B31B 2120/00
B31B2201/00	Definition Symbol		Renumber symbol to B31B 50/00
B31B2201/0205	Definition Symbol		Renumber symbol to B31B 50/12
B31B2201/0235	Definition Symbol		Renumber symbol to B31B 50/04
B31B2201/0288	Definition Symbol		Renumber symbol to B31B 50/022
B31B2201/14	Limiting references	B31B2201/908	Delete the existing symbol and **replace with**: B31B 50/83
B31B2201/14	Definition Symbol		Renumber symbol to B31B 50/14
B31B2201/226	Definition Symbol		Renumber symbol to B31B 50/0014
B31B2201/24	Definition Symbol		Renumber symbol to B31B 50/002
B31B2201/25	Definition Symbol		Renumber symbol to B31B 50/25
B31B2201/26	Definition Symbol		Renumber symbol to B31B 50/26
B31B2201/2604	Definition Symbol		Renumber symbol to B31B 50/28
B31B2201/2666	Informative references	B31B2201/6091	Delete the existing symbol and **replace with** B31B 50/732

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B31B2201/2666	Definition Symbol		Renumber symbol to B31B50/46
B31B2201/28	Definition Symbol		Renumber symbol to B31B50/76
B31B2201/29	Definition Symbol		Renumber symbol to B31B50/004
B31B2201/6004	Definition Symbol		Renumber symbol to B31B50/61
B31B2201/90	Definition Symbol		Renumber symbol to B31B50/81
B31B2201/9009	Limiting References	***Limiting references*** Patches or strips having the function of uniting opposed surfaces or edges B31B2201/60	Delete the **entire** Limiting references section.
B31B2201/9009	Informative References		Insert the following **new** row: Patches or strips having the function of uniting opposed surfaces or edges B31B50/60
B31B2201/9009	Definition Symbol		Renumber symbol to B31B50/812
B31B2201/9019	References		Add the following **new** section: ***Informative references*** Patches having the function of uniting opposed surfaces or edges B31B50/60
B31B2201/9019	Limiting references	***Limiting references*** Patches having the function of uniting opposed surfaces or edges B31B2201/60	Delete the **entire** Limiting references section.
B31B2201/9019	Definition Symbol		Renumber symbol to B31B50/8122

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B31B2201/9033	References		Add the following **new** section: ***Informative references*** Strips having the function of uniting opposed surfaces or edges B31B50/60
B31B2201/9033	Limiting references	***Limiting references*** Strips having the function of uniting opposed surfaces or edges B31B2201/60	Delete the **entire** Limiting references section.
B31B2201/9033	Definition Symbol		Renumber symbol to B31B50/8123
B31B2201/9061	Definition Symbol		Renumber symbol to B31B50/814
B31B2201/9085	Definition Symbol		Renumber symbol to B31B50/84
B31B2201/92	Definition Symbol		Renumber symbol to B31B50/92
B31B2203/00	Definition Symbol		Renumber symbol to B31B2100/00
B31B2219/00	Special rules of classification	Documents relating to bag making must be classified in at least one sub-group of B31B2219/00 and at least one sub-groups of B31B2221/00-B31B2237/00	Delete the existing text and **replace** with: Documents relating to bag making must be classified in at least one subgroup of B31B70/00 and in at least one of the subgroups of B31B2150/00 - B31B2170/00.
B31B2219/00	Definition Symbol		Renumber symbol to B31B70/00
B31B2219/022	Definition Symbol		Renumber symbol to B31B70/10
B31B2219/024	Definition Symbol		Renumber symbol to B31B70/04
B31B2219/14	Limiting references	B31B2219/9048	Delete the existing symbol and **replace** with: B31B70/83
B31B2219/14	Limiting references	Cutting or punching in connection with the forming or mounting of handles B31B2219/9093	Delete the entire **existing** row.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B31B2219/14	Informative references		Insert the following **new** row: Cutting or punching in connection with the forming or mounting of handles B31B70/874
B31B2219/14	Definition Symbol		Renumber symbol to B31B70/14
B31B2219/23	Limiting references	B31B2219/9096	Delete the existing symbol and **replace** with: B31B70/876
B31B2219/23	Definition Symbol		Renumber symbol to B31B70/008
B31B2219/25	Definition Symbol		Renumber symbol to B31B70/25
B31B2219/26	Definition Symbol		Renumber symbol to B31B70/26
B31B2219/28	Definition Symbol		Renumber symbol to B31B70/003
B31B2219/29	Definition Symbol		Renumber symbol to B31B70/004
B31B2219/9003	Informative references		Insert the following **new** row: Patches as reinforcement for handles B31B70/876
B31B2219/9003	Limiting references	*Limiting references* Patches as reinforcement for handles B31B2219/9096	Delete the **entire** existing Limiting references section.
B31B2219/9003	Definition Symbol		Renumber symbol to B31B70/812
B31B2219/9012	Definition Symbol		Renumber symbol to B31B70/813
B31B2219/9016	Definition Symbol		Renumber symbol to B31B70/8131
B31B2219/9019	Definition Symbol		Renumber symbol to B31B70/8132
B31B2219/9022	Definition Symbol		Renumber symbol to B31B70/8133
B31B2219/9029	Definition Symbol		Renumber symbol to B31B70/8135
B31B2219/9032	Definition Symbol		Renumber symbol to B31B70/8136
B31B2219/9051	Definition Symbol		Renumber symbol to B31B70/84
B31B2219/9074	Definition Symbol		Renumber symbol to B31B70/86

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B31B2219/92	Definition Symbol		Renumber symbol to B31B70/92
B31B2221/00	Informative references		Insert the following **new** row. Making bags having multilayered walls from webs B31B2170/20
B31B2221/00	Definition Symbol		Renumber symbol to B31B2150/00
B31B2221/05			Delete the entire definition.
B31B2237/00	Definition Symbol		Renumber symbol to B31B2155/00
B31B2237/50	Definition Symbol		Renumber symbol to B31B2155/002
B31B2241/00			Delete the entire definition.
B31B2247/00			Delete the entire definition.
B31C	Informative references	B31B2201/2604, B31B2219/2609	Delete the existing symbol and **replace** with: B31B50/28, B31B70/28
B31C9/00	Informative references	B31B2203/062	Delete the existing symbol and **replace** with: B31B2110/10, B31B2100/00, B31B50/26
B31D	References		Add the following **new** section: ***Limiting references*** Manufacture by dry processes of articles made from particles or fibres consisting of wood or other lignocellulosic or like organic material B27N Making layered products not composed wholly of paper or cardboard B32B Making articles from cellulosic fibrous suspensions, e.g. wood pulp D21J
B31D1/005	Informative references	B31B2217/00	Delete the existing symbol and **replace** with: B31B2105/00

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B31D5/0004	Informative references	B31B2217/103, B31B2217/105	Delete the existing symbols and **replace** with: B31B2120/20, B31B2105/00, B31B2120/25
B31D5/04	References		Add the following **new** section: ***Limiting references*** Multiple-step processes for making dunnage or cushion pads B31D5/0039
B31F	References		Insert the following new *Limiting references* section Limiting references Making layered products not composed wholly of paper or cardboard B32B
B31F1/008	Informative references	B31B2217/064	Replace with: B31B2110/20
B31F1/0096	Informative references	B31B2217/0038	Delete the existing symbol and **replace** with: B31B2120/40, B31B2105/00
B31F1/08	Informative references	B31B2201/25, B31B2219/25	Delete the existing symbols and **replace** with: B31B50/25, B31B70/25
B31F5/00	Application-oriented references	e.g. B31B1/68, B31B19/68	Delete the existing text and symbols and **replace** with: B31B50/68, B31B70/68
B31F7/00	Definition statement	B31B1/00	Delete the existing symbol and **replace** with: B31B50/00, B31B70/00

NOTES:
- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 1/00	<administrative transfer to B31B 50/00>
D	B31B 1/02	<administrative transfer to B31B 50/02>
D	B31B 1/04	<administrative transfer to B31B 50/04>
D	B31B 1/06	<administrative transfer to B31B 50/06>
D	B31B 1/08	<administrative transfer to B31B 70/04>
D	B31B 1/10	<administrative transfer to B31B 50/10>
D	B31B 1/12	<administrative transfer to B31B 50/02
D	B31B 1/14	<administrative transfer to B31B 50/14>
D	B31B 1/16	<administrative transfer to B31B 50/16>
D	B31B 1/18	<administrative transfer to B31B 50/18>
D	B31B 1/20	<administrative transfer to B31B 50/20>
D	B31B 1/22	<administrative transfer to B31B 50/22>
D	B31B 1/24	<administrative transfer to B31B 50/83>
D	B31B 1/25	<administrative transfer to B31B 50/25>
D	B31B 1/26	<administrative transfer to B31B 50/26>
D	B31B 1/28	<administrative transfer to B31B 50/28>
D	B31B 1/30	<administrative transfer to B31B 50/30>
D	B31B 1/32	<administrative transfer to B31B 50/32>
D	B31B 1/34	<administrative transfer to B31B 50/34>
D	B31B 1/36	<administrative transfer to B31B 50/36>
D	B31B 1/38	<administrative transfer to B31B 50/38>
D	B31B 1/40	<administrative transfer to B31B 50/40>
D	B31B 1/42	<administrative transfer to B31B 50/42>
D	B31B 1/44	<administrative transfer to B31B 50/44>
D	B31B 1/46	<administrative transfer to B31B 50/46>
D	B31B 1/48	<administrative transfer to B31B 50/48>
D	B31B 1/50	<administrative transfer to B31B 50/50>
D	B31B 1/52	<administrative transfer to B31B 50/52>
D	B31B 1/54	<administrative transfer to B31B 50/54>
D	B31B 1/56	<administrative transfer to B31B 50/56>
D	B31B 1/58	<administrative transfer to B31B 50/58>
D	B31B 1/60	<administrative transfer to B31B 50/60>
D	B31B 1/62	<administrative transfer to B31B 50/62>
D	B31B 1/64	<administrative transfer to B31B 50/64>
D	B31B 1/66	<administrative transfer to B31B 50/66>
D	B31B 1/68	<administrative transfer to B31B 50/68>
D	B31B 1/70	<administrative transfer to B31B 50/70>
D	B31B 1/72	<administrative transfer to B31B 50/72>
D	B31B 1/74	<administrative transfer to B31B 50/74>
D	B31B 1/76	<administrative transfer to B31B 50/76>
D	B31B 1/78	<administrative transfer to B31B 50/78>
D	B31B 1/80	<administrative transfer to B31B 50/80>
D	B31B 1/82	<administrative transfer to B31B 50/82>
D	B31B 1/84	<administrative transfer to B31B 50/84>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 1/86	\<administrative transfer to B31B 50/86>
D	B31B 1/88	\<administrative transfer to B31B 50/88>
D	B31B 1/90	\<administrative transfer to B31B 50/81>
D	B31B 1/92	\<administrative transfer to B31B 50/92>
D	B31B 1/94	\<administrative transfer to B31B 50/94>
D	B31B 1/96	\<administrative transfer to B31B 50/96>
D	B31B 1/98	\<administrative transfer to B31B 50/98>
D	B31B 3/00	\<administrative transfer to B31B 50/00 and B31B 2100/00 simultaneously>
D	B31B 3/02	\<administrative transfer to B31B 50/02 and B31B 2100/00 simultaneously>
D	B31B 3/14	\<administrative transfer to B31B 50/14 and B31B 2100/00 simultaneously>
D	B31B 3/26	\<administrative transfer to B31B 50/26 and B31B 2100/00 simultaneously>
D	B31B 3/28	\<administrative transfer to B31B 50/28 and B31B 2100/00 simultaneously>
D	B31B 3/30	\<administrative transfer to B31B 50/30 and B31B 2100/00 simultaneously>
D	B31B 3/32	\<administrative transfer to B31B 50/32 and B31B 2100/00 simultaneously>
D	B31B 3/34	\<administrative transfer to B31B 50/34 and B31B 2100/00 simultaneously>
D	B31B 3/36	\<administrative transfer to B31B 50/36 and B31B 2100/00 simultaneously>
D	B31B 3/44	\<administrative transfer to B31B 50/44 and B31B 2100/00 simultaneously>
D	B31B 3/46	\<administrative transfer to B31B 50/46 and B31B 2100/00 simultaneously>
D	B31B 3/48	\<administrative transfer to B31B 50/48 and B31B 2100/00 simultaneously>
D	B31B 3/50	\<administrative transfer to B31B 50/50 and B31B 2100/00 simultaneously>
D	B31B 3/52	\<administrative transfer to B31B 50/52 and B31B 2100/00 simultaneously>
D	B31B 3/60	\<administrative transfer to B31B 50/60 and B31B 2100/00 simultaneously>
D	B31B 3/64	\<administrative transfer to B31B 50/64 and B31B 2100/00 simultaneously>
D	B31B 3/72	\<administrative transfer to B31B 50/72 and B31B 2100/00 simultaneously>
D	B31B 3/74	\<administrative transfer to B31B 50/74 and B31B 2100/00 simultaneously>
D	B31B 5/00	\<administrative transfer to B31B 50/00, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/02	\<administrative transfer to B31B 50/02, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/14	\<administrative transfer to B31B 50/14, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/26	\<administrative transfer to B31B 50/26, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/36	\<administrative transfer to B31B 50/36, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/60	\<administrative transfer to B31B 50/60, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/74	\<administrative transfer to B31B 50/74, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/76	\<administrative transfer to B31B 50/76, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/78	\<administrative transfer to B31B 50/78, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 5/80	\<administrative transfer to B31B 50/80, B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 7/00	\<administrative transfer to B31B 50/00 and B31B 2120/40 simultaneously>
D	B31B 7/26	\<administrative transfer to B31B 50/26 and B31B 2120/40 simultaneously>
D	B31B 7/28	\<administrative transfer to B31B 50/28 and B31B 2120/40 simultaneously>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 7/30	<administrative transfer to B31B 50/30 and B31B 2120/40 simultaneously>
D	B31B 7/32	<administrative transfer to B31B 50/32 and B31B 2120/40 simultaneously>
D	B31B 7/44	<administrative transfer to B31B 50/44 and B31B 2120/40 simultaneously>
D	B31B 7/46	<administrative transfer to B31B 50/46 and B31B 2120/40 simultaneously>
D	B31B 11/00	<administrative transfer to B31B 50/00 and B31B 2120/25 simultaneously>
D	B31B 13/00	<administrative transfer to B31B 50/00 and B31B 2120/60 simultaneously>
D	B31B 15/00	<administrative transfer to B31B 50/00 and B31B 2120/50 simultaneously>
D	B31B 15/02	<administrative transfer to B31B 50/02 and B31B 2120/50 simultaneously>
D	B31B 17/00	<administrative transfer to B31B 50/00 and B31B 2105/00 simultaneously>
D	B31B 17/60	<administrative transfer to B31B 50/60 and B31B 2105/00 simultaneously>
D	B31B 17/74	<administrative transfer to B31B 50/00 and B31B 2105/00 simultaneously>
D	B31B 19/00	<administrative transfer to B31B 70/00 and B31B 2160/10 simultaneously>
D	B31B 19/02	<administrative transfer to B31B 70/02 and B31B 2160/10 simultaneously>
D	B31B 19/10	<administrative transfer to B31B 70/10 and B31B 2160/10 simultaneously>
D	B31B 19/14	<administrative transfer to B31B 70/14 and B31B 2160/10 simultaneously>
D	B31B 19/16	<administrative transfer to B31B 70/16 and B31B 2160/10 simultaneously>
D	B31B 19/18	<administrative transfer to B31B 70/18 and B31B 2160/10 simultaneously>
D	B31B 19/20	<administrative transfer to B31B 70/20 and B31B 2160/10 simultaneously>
D	B31B 19/26	<administrative transfer to B31B 70/26 and B31B 2160/10 simultaneously>
D	B31B 19/36	<administrative transfer to B31B 70/36 and B31B 2160/10 simultaneously>
D	B31B 19/52	<administrative transfer to B31B 70/52 and B31B 2160/10 simultaneously>
D	B31B 19/60	<administrative transfer to B31B 70/60 and B31B 2160/10 simultaneously>
D	B31B 19/62	<administrative transfer to B31B 70/62 and B31B 2160/10 simultaneously>
D	B31B 19/64	<administrative transfer to B31B 70/64 and B31B 2160/10 simultaneously>
D	B31B 19/66	<administrative transfer to B31B 70/66 and B31B 2160/10 simultaneously>
D	B31B 19/68	<administrative transfer to B31B 70/68 and B31B 2160/10 simultaneously>
D	B31B 19/74	<administrative transfer to B31B 70/74 and B31B 2160/10 simultaneously>
D	B31B 19/82	<administrative transfer to B31B 70/82 and B31B 2160/10 simultaneously>
D	B31B 19/84	<administrative transfer to B31B 70/84 and B31B 2160/10 simultaneously>
D	B31B 19/86	<administrative transfer to B31B 70/86 and B31B 2160/10 simultaneously>
D	B31B 19/88	<administrative transfer to B31B 70/88 and B31B 2160/10 simultaneously>
D	B31B 19/90	<administrative transfer to B31B 70/81 and B31B 2160/10 simultaneously>
D	B31B 19/92	<administrative transfer to B31B 70/92 and B31B 2160/10 simultaneously>
D	B31B 19/94	<administrative transfer to B31B 70/94 and B31B 2160/10 simultaneously>
D	B31B 19/96	<administrative transfer to B31B 70/96 and B31B 2160/10 simultaneously>
D	B31B 19/98	<administrative transfer to B31B 70/98 and B31B 2160/10 simultaneously>
D	B31B 21/00	<administrative transfer to B31B 70/00, B31B 2150/00, and B31B 2160/10 simultaneously>
D	B31B 23/00	<administrative transfer to B31B 70/00, B31B 2155/00, and B31B 2160/10 simultaneously>
D	B31B 25/00	<administrative transfer to B31B 70/00 and B31B 2160/30 simultaneously>
D	B31B 27/00	<administrative transfer to B31B 70/00 and B31B 2170/00 simultaneously>
D	B31B 29/00	<administrative transfer to B31B 70/00 and B31B 2160/20 simultaneously>
D	B31B 29/60	<administrative transfer to B31B 70/60 and B31B 2160/20 simultaneously>
D	B31B 29/74	<administrative transfer to B31B 70/74 and B31B 2160/20 simultaneously>
D	B31B 29/84	<administrative transfer to B31B 70/84 and B31B 2160/20 simultaneously>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 37/00	<administrative transfer to B31B 70/00, B31B 2155/00 and B31B 2160/20 simultaneously>
D	B31B 39/00	<administrative transfer to B31B 70/00 and B31B 2170/00 simultaneously>
D	B31B 41/00	<administrative transfer to B31B 70/00 and B31B 2160/00 simultaneously>
D	B31B 43/00	<administrative transfer to B31B 50/59>
D	B31B 45/00	<administrative transfer to B31B 50/00 and B31B 2120/70 simultaneously>
D	B31B 47/00	<administrative transfer to B31B 50/99>
D	B31B 47/02	<administrative transfer to B31B 70/99 and B31B 2160/10 simultaneously>
D	B31B 47/04	<administrative transfer to B31B 70/99 and B31B 2160/20 simultaneously>
D	B31B 49/00	<administrative transfer to B31B 50/00 and B31B 70/00 simultaneously>
D	B31B 49/02	<administrative transfer to B31B 50/00>
D	B31B 49/04	<administrative transfer to B31B 70/00>
Q	B31B 50/00	B31B 50/00, B31B 50/59
Q	B31B 50/02	B31B 50/02, B31B 50/022, B31B 50/024, B31B 50/04, B31B 50/042, B31B 50/044, B31B 50/046, B31B 50/06, B31B 50/062, B31B 50/064, B31B 50/066, B31B 50/07, B31B 50/10, B31B 50/102, B31B 50/104, B31B 50/106, B31B 50/12
Q	B31B 50/14	B31B 50/14, B31B 50/142, B31B 50/144, B31B 50/146, B31B 50/16, B31B 50/18, B31B 50/20, B31B 50/22, B31B 50/83
Q	B31B 50/16	B31B 50/16, B31B 50/18
Q	B31B 50/26	B31B 50/26, B31B 50/262, B31B 50/28, B31B 50/282, B31B 50/30, B31B 50/32, B31B 50/322, B31B 50/324, B31B 50/326, B31B 50/34, B31B 50/36, B31B 50/38, B31B 50/40, B31B 50/42, B31B 50/44, B31B 50/442, B31B 50/444, B31B 50/46, B31B 50/48, B31B 50/50, B31B 50/52, B31B 50/54, B31B 50/56, B31B 50/58, B31B 50/585
Q	B31B 50/36	B31B 50/36, B31B 50/38, B31B 50/40, B31B 50/42
Q	B31B 50/44	B31B 50/44, B31B 50/442, B31B 50/444
Q	B31B 50/46	B31B 50/46, B31B 50/48, B31B 50/50
Q	B31B 50/52	B31B 50/52, B31B 50/54, B31B50/44, B31B50/442, B31B50/444, B31B50/46, B31B50/48, B31B50/50
Q	B31B 50/54	B31B 50/54, B31B50/44, B31B50/442, B31B50/444, B31B50/46, B31B50/48, B31B50/50
Q	B31B 50/60	B31B 50/60, B31B 50/61, B31B 50/62, B31B 50/622, B31B 50/624, B31B 50/626, B31B 50/64, B31B 50/642, B31B 50/644, B31B 50/645, B31B 50/648, B31B 50/649, B31B 50/66, B31B 50/68, B31B 50/682, B31B 50/684, B31B 50/686, B31B 50/70, B31B 50/72, B31B 50/722, B31B 50/724, B31B 50/726, B31B 50/73, B31B 50/732, B31B 50/734
Q	B31B 50/64	B31B 50/62, B31B50/622, B31B50/624, B31B50/626, B31B 50/64, B31B 50/66

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
Q	B31B 50/74	B31B 50/74, B31B 50/741, B31B 50/742, B31B 50/743, B31B 50/745, B31B 50/747, B31B 50/75, B31B 50/753, B31B 50/756, B31B 50/76, B31B 50/78, B31B 50/782, B31B 50/784, B31B 50/786, B31B 50/787, B31B 50/788, B31B 50/80, B31B 50/802, B31B 50/804, B31B 50/81, B31B 50/811, B31B 50/812, B31B 50/8121, B31B 50/8122, B31B 50/8123, B31B 50/8124, B31B 50/8125, B31B 50/8126, B31B 50/8127, B31B 50/8128, B31B 50/8129, B31B 50/813, B31B 50/814, B31B 50/8142, B31B 50/8144, B31B 50/82, B31B 50/83, B31B 50/84, B31B 50/85, B31B 50/86, B31B 50/87, B31B 50/88, B31B 50/92, B31B 50/94, B31B 50/96, B31B 50/98
Q	B31B 50/81	B31B 50/81, B31B 50/84, B31B 50/85
Q	B31B 50/82	B31B 50/82, B31B 50/83
Q	B31B 50/84	B31B 50/84, B31B 50/85
Q	B31B 50/99	B31B50/99, B31B70/99
Q	B31B 70/008	B31B 70/008, B31B 70/876
Q	B31B 70/14	B31B 70/14, B31B 70/83
Q	B31B 70/60	B31B 70/60, B31B 70/61, B31B 70/62, B31B 70/626, B31B 70/628, B31B 70/64, B31B 70/642, B31B 70/643, B31B 70/644, B31B 70/645, B31B 70/648, B31B 70/649, B31B 70/66, B31B 70/68
Q	B31B 70/74	B31B 70/74, B31B 70/76, B31B 70/79,B31B 70/81,B31B 70/812, B31B 70/8122, B31B 70/8123, B31B 70/813, B31B 70/8131, B31B 70/8132, B31B 70/8133, B31B 70/8134, B31B 70/8135, B31B 70/8136, B31B 70/8137, B31B 70/82, B31B 70/822, B31B 70/826, B31B 70/83, B31B 70/84, B31B 70/844, B31B 70/85, B31B 70/853, B31B 70/855, B31B 70/857, B31B 70/859, B31B 70/86, B31B 70/864, B31B 70/866, B31B 70/868, B31B 70/87, B31B 70/872, B31B 70/874, B31B 70/876, B31B 70/88, B31B 70/92, B31B 70/94, B31B 70/942, B31B 70/946, B31B 70/96, B31B 70/98, B31B 70/982, B31B 70/984, B31B 70/986, B31B 70/988
Q	B31B 70/82	B31B 70/82, B31B70/822, B31B70/826, B31B 70/83
Q	B31B 70/84	B31B 70/84, B31B 70/844, B31B 70/85, B31B 70/853, B31B 70/855, B31B 70/857, B31B 70/859
Q	B31B 2100/00	B31B 2100/00, B31B 2100/002, B31B 2100/0022, B31B 2100/0024, B31B 2100/0026, B31B 2100/0028
Q	B31B 2105/00	B31B 2105/00, B31B 2105/001, B31B 2105/002, B31B 2105/0022, B31B 2105/0024, B31B 2105/0025, B31B 2105/0027
Q	B31B 2110/00	B31B 2110/00, B31B 2110/10, B31B 2110/20, B31B 2110/30, B31B 2110/35, B31B 2110/40
Q	B31B 2120/00	B31B 2120/00, B31B 2120/002, B31B 2120/004, B31B 2120/10, B31B 2120/102, B31B 2120/20, B31B 2120/25, B31B 2120/30, B31B 2120/302, B31B 2120/40, B31B 2120/402, B31B 2120/404, B31B 2120/406, B31B 2120/407, B31B 2120/408, B31B 2120/50, B31B 2120/501, B31B 2120/502, B31B 2120/60, B31B 2120/70
Q	B31B 2150/00	B31B 2150/00, B31B 2150/001, B31B 2150/0012, B31B 2150/0014, B31B 2150/0016, B31B 2150/002, B31B 2150/003, B31B 2150/10, B31B 2150/20, B31B 2170/00, B31B 2170/30
Q	B31B 2155/00	B31B 2155/00, B31B 2155/001, B31B 2155/0012, B31B 2155/0014, B31B 2155/002, B31B 2155/003, B31B 2170/00, B31B 2170/30
Q	B31B 2160/00	B31B 2160/00, B31B 2160/10, B31B 2160/102, B31B 2160/104, B31B 2160/106, B31B 2160/20, B31B 2160/30
Q	B31B 2160/10	B31B2160/10, B31B2160/102, B31B2160/104, B31B2160/106

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
Q	B31B 2170/00	B31B 2170/00, B31B 2170/10, B31B 2170/20, B31B 2170/202, B31B 2170/204, B31B 2170/30
D	B31B 2201/00	<administrative transfer to B31B 50/00>
D	B31B 2201/02	<administrative transfer to B31B 50/02>
D	B31B 2201/0205	<administrative transfer to B31B 50/10>
D	B31B 2201/0211	<administrative transfer to B31B 50/12>
D	B31B 2201/0217	<administrative transfer to B31B 50/102>
D	B31B 2201/0223	<administrative transfer to B31B 50/104>
D	B31B 2201/0229	<administrative transfer to B31B 50/106>
D	B31B 2201/0235	<administrative transfer to B31B 50/04>
D	B31B 2201/0241	<administrative transfer to B31B 50/07>
D	B31B 2201/0247	<administrative transfer to B31B 50/042>
D	B31B 2201/0252	<administrative transfer to B31B 50/044>
D	B31B 2201/0258	<administrative transfer to B31B 50/046>
D	B31B 2201/0264	<administrative transfer to B31B 50/06>
D	B31B 2201/027	<administrative transfer to B31B 50/062>
D	B31B 2201/0276	<administrative transfer to B31B 50/064>
D	B31B 2201/0282	<administrative transfer to B31B 50/066>
D	B31B 2201/0288	<administrative transfer to B31B 50/022>
D	B31B 2201/0294	<administrative transfer to B31B 50/024>
D	B31B 2201/14	<administrative transfer to B31B 50/14>
D	B31B 2201/141	<administrative transfer to B31B 50/142>
D	B31B 2201/142	<administrative transfer to B31B 50/144>
D	B31B 2201/143	<administrative transfer to B31B 50/146>
D	B31B 2201/145	<administrative transfer to B31B 50/16>
D	B31B 2201/146	<administrative transfer to B31B 50/18>
D	B31B 2201/147	<administrative transfer to B31B 50/20>
D	B31B 2201/148	<administrative transfer to B31B 50/22>
D	B31B 2201/22	<administrative transfer to B31B 50/001>
D	B31B 2201/223	<administrative transfer to B31B 50/0012>
D	B31B 2201/226	<administrative transfer to B31B 50/0014>
D	B31B 2201/24	<administrative transfer to B31B 50/002>
D	B31B 2201/25	<administrative transfer to B31B 50/25>
D	B31B 2201/252	<administrative transfer to B31B 50/252>
D	B31B 2201/255	<administrative transfer to B31B 50/254>
D	B31B 2201/257	<administrative transfer to B31B 50/256>
D	B31B 2201/26	<administrative transfer to B31B 50/26>
D	B31B 2201/2604	<administrative transfer to B31B 50/28>
D	B31B 2201/2608	<administrative transfer to B31B 50/30>
D	B31B 2201/2612	<administrative transfer to B31B 50/32>
D	B31B 2201/2616	<administrative transfer to B31B 50/322>
D	B31B 2201/262	<administrative transfer to B31B 50/324>
D	B31B 2201/2625	<administrative transfer to B31B 50/326>
D	B31B 2201/2629	<administrative transfer to B31B 50/34>
D	B31B 2201/2633	<administrative transfer to B31B 50/282>
D	B31B 2201/2637	<administrative transfer to B31B 50/36>
D	B31B 2201/2641	<administrative transfer to B31B 50/38>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 2201/2645	<administrative transfer to B31B 50/40>
D	B31B 2201/265	<administrative transfer to B31B 50/42>
D	B31B 2201/2654	<administrative transfer to B31B 50/44>
D	B31B 2201/2658	<administrative transfer to B31B 50/442>
D	B31B 2201/2662	<administrative transfer to B31B 50/444>
D	B31B 2201/2666	<administrative transfer to B31B 50/46>
D	B31B 2201/267	<administrative transfer to B31B 50/52>
D	B31B 2201/2675	<administrative transfer to B31B 50/54>
D	B31B 2201/2679	<administrative transfer to B31B 50/56>
D	B31B 2201/2683	<administrative transfer to B31B 50/58>
D	B31B 2201/2687	<administrative transfer to B31B 50/585>
D	B31B 2201/2691	<administrative transfer to B31B 50/262>
D	B31B 2201/2695	<administrative transfer to B31B 2120/70>
D	B31B 2201/27	<administrative transfer to B31B 50/003>
D	B31B 2201/28	<administrative transfer to B31B 50/76>
D	B31B 2201/281	<administrative transfer to B31B 50/78>
D	B31B 2201/282	<administrative transfer to B31B 50/782>
D	B31B 2201/283	<administrative transfer to B31B 50/784>
D	B31B 2201/284	<administrative transfer to B31B 50/786>
D	B31B 2201/285	<administrative transfer to B31B 50/787>
D	B31B 2201/286	<administrative transfer to B31B 50/788>
D	B31B 2201/287	<administrative transfer to B31B 50/80>
D	B31B 2201/288	<administrative transfer to B31B 50/802>
D	B31B 2201/289	<administrative transfer to B31B 50/804>
D	B31B 2201/29	<administrative transfer to B31B 50/004>
D	B31B 2201/292	<administrative transfer to B31B 50/0042>
D	B31B 2201/295	<administrative transfer to B31B 50/0044>
D	B31B 2201/297	<administrative transfer to B31B 50/0045>
D	B31B 2201/60	<administrative transfer to B31B 50/60>
D	B31B 2201/6004	<administrative transfer to B31B 50/61>
D	B31B 2201/6008	<administrative transfer to B31B 50/62>
D	B31B 2201/6013	<administrative transfer to B31B 50/622>
D	B31B 2201/6017	<administrative transfer to B31B 50/624>
D	B31B 2201/6021	<administrative transfer to B31B 50/626>
D	B31B 2201/6026	<administrative transfer to B31B 50/64>
D	B31B 2201/603	<administrative transfer to B31B 50/642>
D	B31B 2201/6034	<administrative transfer to B31B 50/644>
D	B31B 2201/6039	<administrative transfer to B31B 50/645>
D	B31B 2201/6043	<administrative transfer to B31B 50/648>
D	B31B 2201/6047	<administrative transfer to B31B 50/649>
D	B31B 2201/6052	<administrative transfer to B31B 50/68>
D	B31B 2201/6056	<administrative transfer to B31B 50/682>
D	B31B 2201/606	<administrative transfer to B31B 50/684>
D	B31B 2201/6065	<administrative transfer to B31B 50/686 and B31B 2120/10 simultaneously>
D	B31B 2201/6069	<administrative transfer to B31B 50/70>
D	B31B 2201/6073	<administrative transfer to B31B 50/72>
D	B31B 2201/6078	<administrative transfer to B31B 50/722>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 2201/6082	<administrative transfer to B31B 50/724>
D	B31B 2201/6086	<administrative transfer to B31B 50/726>
D	B31B 2201/6091	<administrative transfer to B31B 50/732>
D	B31B 2201/6095	<administrative transfer to B31B 50/734>
D	B31B 2201/61	<administrative transfer to B31B 50/741>
D	B31B 2201/62	<administrative transfer to B31B 50/742>
D	B31B 2201/621	<administrative transfer to B31B 50/743>
D	B31B 2201/622	<administrative transfer to B31B 50/745>
D	B31B 2201/624	<administrative transfer to B31B 50/747>
D	B31B 2201/625	<administrative transfer to B31B 50/75>
D	B31B 2201/627	<administrative transfer to B31B 50/753>
D	B31B 2201/628	<administrative transfer to B31B 50/756>
D	B31B 2201/88	<administrative transfer to B31B 50/88>
D	B31B 2201/90	<administrative transfer to B31B 50/81>
D	B31B 2201/9004	<administrative transfer to B31B 50/811>
D	B31B 2201/9009	<administrative transfer to B31B 50/812>
D	B31B 2201/9014	<administrative transfer to B31B 50/8121>
D	B31B 2201/9019	<administrative transfer to B31B 50/8122>
D	B31B 2201/9023	<administrative transfer to B31B 50/8123>
D	B31B 2201/9028	<administrative transfer to B31B 50/8124>
D	B31B 2201/9033	<administrative transfer to B31B 50/8125>
D	B31B 2201/9038	<administrative transfer to B31B 50/8126>
D	B31B 2201/9042	<administrative transfer to B31B 50/8127>
D	B31B 2201/9047	<administrative transfer to B31B 50/8128>
D	B31B 2201/9052	<administrative transfer to B31B 50/8129>
D	B31B 2201/9057	<administrative transfer to B31B 50/813>
D	B31B 2201/9061	<administrative transfer to B31B 50/814>
D	B31B 2201/9066	<administrative transfer to B31B 50/8142>
D	B31B 2201/9071	<administrative transfer to B31B 50/8144>
D	B31B 2201/9076	<administrative transfer to B31B 50/82>
D	B31B 2201/908	<administrative transfer to B31B 50/83>
D	B31B 2201/9085	<administrative transfer to B31B 50/84>
D	B31B 2201/909	<administrative transfer to B31B 50/86>
D	B31B 2201/9095	<administrative transfer to B31B 50/87>
D	B31B 2201/92	<administrative transfer to B31B 50/92>
D	B31B 2201/922	<administrative transfer to B31B 50/94>
D	B31B 2201/925	<administrative transfer to B31B 50/96>
D	B31B 2201/927	<administrative transfer to B31B 50/98>
D	B31B 2201/94	<administrative transfer to B31B 50/005>
D	B31B 2201/95	<administrative transfer to B31B 50/006>
D	B31B 2203/00	<administrative transfer to B31B 2100/00>
D	B31B 2203/003	<administrative transfer to B31B 2100/00 and B31B 2120/30 simultaneously>
D	B31B 2203/006	<administrative transfer to B31B 2120/302 and B31B 2100/00 simultaneously>
D	B31B 2203/06	<administrative transfer to B31B 2100/00 and B31B 2110/00 simultaneously>
D	B31B 2203/062	<administrative transfer to B31B 2110/10 and B31B 2100/00 simultaneously>
D	B31B 2203/064	<administrative transfer to B31B 2110/20 and B31B 2100/00 simultaneously>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 2203/066	<administrative transfer to B31B 2110/35 and B31B 2100/00 simultaneously>
D	B31B 2203/068	<administrative transfer to B31B 2110/30 and B31B 2100/00 simultaneously>
D	B31B 2203/08	<administrative transfer to B31B 2100/002>
D	B31B 2203/082	<administrative transfer to B31B 2100/0022>
D	B31B 2203/084	<administrative transfer to B31B 2100/0024>
D	B31B 2203/086	<administrative transfer to B31B 2100/0026>
D	B31B 2203/088	<administrative transfer to B31B 2100/0028>
D	B31B 2203/10	<administrative transfer to B31B 50/81, B31B 2100/00 and B31B 2120/00 simultaneously>
D	B31B 2203/101	<administrative transfer to B31B 50/81, B31B 2120/102 and B31B 2100/00 simultaneously>
D	B31B 2203/103	<administrative transfer to B31B 50/81, B31B 2120/20 and B31B 2100/00 simultaneously>
D	B31B 2203/105	<administrative transfer to B31B 50/81, B31B 2120/502 and B31B 2100/00 simultaneously>
D	B31B 2203/106	<administrative transfer to B31B 50/81, B31B 2120/002 and B31B 2100/00 simultaneously>
D	B31B 2203/108	<administrative transfer to B31B 50/81, B31B 2120/004 and B31B 2100/00 simultaneously>
D	B31B 2217/00	<administrative transfer to B31B 2105/00 and B31B 2120/00 simultaneously>
D	B31B 2217/0007	<administrative transfer to B31B 2120/30 and B31B 2105/00 simultaneously>
D	B31B 2217/0015	<administrative transfer to B31B 2120/302 and B31B 2105/00 simultaneously>
D	B31B 2217/0023	<administrative transfer to B31B 2120/50 and B31B 2105/00 simultaneously>
D	B31B 2217/003	<administrative transfer to B31B 2120/501 and B31B 2105/00 simultaneously>
D	B31B 2217/0038	<administrative transfer to B31B 2120/40 and B31B 2105/00 simultaneously>
D	B31B 2217/0046	<administrative transfer to B31B 2120/402 and B31B 2105/00 simultaneously>
D	B31B 2217/0053	<administrative transfer to B31B 2120/404 and B31B 2105/00 simultaneously>
D	B31B 2217/0061	<administrative transfer to B31B 2120/406 and B31B 2105/00 simultaneously>
D	B31B 2217/0069	<administrative transfer to B31B 2120/407 and B31B 2105/00 simultaneously>
D	B31B 2217/0076	<administrative transfer to B31B 2120/408 and B31B 2105/00 simultaneously>
D	B31B 2217/0084	<administrative transfer to B31B 2105/001>
D	B31B 2217/0092	<administrative transfer to B31B 2120/60 and B31B 2105/00 simultaneously>
D	B31B 2217/02	<administrative transfer to B31B 2120/30>
D	B31B 2217/06	<administrative transfer to B31B 2105/00 and B31B 2110/00 simultaneously>
D	B31B 2217/062	<administrative transfer to B31B 2110/10 and B31B 2105/00 simultaneously>
D	B31B 2217/064	<administrative transfer to B31B 2110/20 and B31B 2105/00 simultaneously>
D	B31B 2217/066	<administrative transfer to B31B 2110/35 and B31B 2105/00 simultaneously>
D	B31B 2217/068	<administrative transfer to B31B 2110/30 and B31B 2105/00 simultaneously>
D	B31B 2217/08	<administrative transfer to B31B 2105/002>
D	B31B 2217/082	<administrative transfer to B31B 2105/0022>
D	B31B 2217/084	<administrative transfer to B31B 2105/0024>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 2217/086	\<administrative transfer to B31B 2105/0025\>
D	B31B 2217/088	\<administrative transfer to B31B 2105/0027\>
D	B31B 2217/10	\<administrative transfer to B31B 50/81, B31B 2105/00 and B31B 2120/00 simultaneously\>
D	B31B 2217/101	\<administrative transfer to B31B 50/81, B31B 2120/10 and B31B 2105/00 simultaneously\>
D	B31B 2217/103	\<administrative transfer to B31B 50/81, B31B 2120/20 and B31B 2105/00 simultaneously\>
D	B31B 2217/105	\<administrative transfer to B31B 50/81, B31B 2120/25 and B31B 2105/00 simultaneously\>
D	B31B 2217/106	\<administrative transfer to B31B 50/81, B31B 2120/502 and B31B 2105/00 simultaneously\>
D	B31B 2217/108	\<administrative transfer to B31B 50/81, B31B 2120/002 and B31B 2105/00 simultaneously\>
D	B31B 2219/00	\<administrative transfer to B31B 70/00\>
D	B31B 2219/02	\<administrative transfer to B31B 70/02\>
D	B31B 2219/022	\<administrative transfer to B31B 70/10\>
D	B31B 2219/024	\<administrative transfer to B31B 70/04 and B31B 2150/00 simultaneously\>
D	B31B 2219/026	\<administrative transfer to B31B 70/022\>
D	B31B 2219/028	\<administrative transfer to B31B 70/024\>
D	B31B 2219/14	\<administrative transfer to B31B 70/14\>
D	B31B 2219/141	\<administrative transfer to B31B 70/142\>
D	B31B 2219/142	\<administrative transfer to B31B 70/144\>
D	B31B 2219/143	\<administrative transfer to B31B 70/146\>
D	B31B 2219/145	\<administrative transfer to B31B 70/16\>
D	B31B 2219/146	\<administrative transfer to B31B 70/18\>
D	B31B 2219/147	\<administrative transfer to B31B 70/20\>
D	B31B 2219/148	\<administrative transfer to B31B 70/148\>
D	B31B 2219/22	\<administrative transfer to B31B 70/001\>
D	B31B 2219/225	\<administrative transfer to B31B 70/002\>
D	B31B 2219/23	\<administrative transfer to B31B 70/008\>
D	B31B 2219/25	\<administrative transfer to B31B 70/25\>
D	B31B 2219/252	\<administrative transfer to B31B 70/252\>
D	B31B 2219/255	\<administrative transfer to B31B 70/254\>
D	B31B 2219/257	\<administrative transfer to B31B 70/256\>
D	B31B 2219/26	\<administrative transfer to B31B 70/26\>
D	B31B 2219/2609	\<administrative transfer to B31B 70/28\>
D	B31B 2219/2618	\<administrative transfer to B31B 70/30\>
D	B31B 2219/2627	\<administrative transfer to B31B 70/36\>
D	B31B 2219/2636	\<administrative transfer to B31B 70/44\>
D	B31B 2219/2645	\<administrative transfer to B31B 70/52\>
D	B31B 2219/2654	\<administrative transfer to B31B 70/56\>
D	B31B 2219/2663	\<administrative transfer to B31B 70/58\>
D	B31B 2219/2672	\<administrative transfer to B31B 70/261\>
D	B31B 2219/2681	\<administrative transfer to B31B 70/262\>
D	B31B 2219/269	\<administrative transfer to B31B 70/266\>
D	B31B 2219/28	\<administrative transfer to B31B 70/003\>
D	B31B 2219/29	\<administrative transfer to B31B 70/004\>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 2219/60	<administrative transfer to B31B 70/60>
D	B31B 2219/6007	<administrative transfer to B31B 70/62>
D	B31B 2219/6015	<administrative transfer to B31B 70/626>
D	B31B 2219/6023	<administrative transfer to B31B 70/628>
D	B31B 2219/603	<administrative transfer to B31B 70/64>
D	B31B 2219/6038	<administrative transfer to B31B 70/642>
D	B31B 2219/6046	<administrative transfer to B31B 70/643>
D	B31B 2219/6053	<administrative transfer to B31B 70/644>
D	B31B 2219/6061	<administrative transfer to B31B 70/645>
D	B31B 2219/6069	<administrative transfer to B31B 70/648>
D	B31B 2219/6076	<administrative transfer to B31B 70/649>
D	B31B 2219/6084	<administrative transfer to B31B 70/68>
D	B31B 2219/6092	<administrative transfer to B31B 70/61>
D	B31B 2219/61	<administrative transfer to B31B 70/76>
D	B31B 2219/62	<administrative transfer to B31B 70/79>
D	B31B 2219/88	<administrative transfer to B31B 70/88>
D	B31B 2219/90	<administrative transfer to B31B 70/81>
D	B31B 2219/9003	<administrative transfer to B31B 70/812>
D	B31B 2219/9006	<administrative transfer to B31B 70/8122>
D	B31B 2219/9009	<administrative transfer to B31B 70/8123>
D	B31B 2219/9012	<administrative transfer to B31B 70/813>
D	B31B 2219/9016	<administrative transfer to B31B 70/8131>
D	B31B 2219/9019	<administrative transfer to B31B 70/8132>
D	B31B 2219/9022	<administrative transfer to B31B 70/8133>
D	B31B 2219/9025	<administrative transfer to B31B 70/8134>
D	B31B 2219/9029	<administrative transfer to B31B 70/8135>
D	B31B 2219/9032	<administrative transfer to B31B 70/8136>
D	B31B 2219/9035	<administrative transfer to B31B 70/8137>
D	B31B 2219/9038	<administrative transfer to B31B 70/82>
D	B31B 2219/9041	<administrative transfer to B31B 70/822>
D	B31B 2219/9045	<administrative transfer to B31B 70/826>
D	B31B 2219/9048	<administrative transfer to B31B 70/83>
D	B31B 2219/9051	<administrative transfer to B31B 70/84>
D	B31B 2219/9054	<administrative transfer to B31B 70/844>
D	B31B 2219/9058	<administrative transfer to B31B 70/855>
D	B31B 2219/9061	<administrative transfer to B31B 70/857>
D	B31B 2219/9064	<administrative transfer to B31B 70/859>
D	B31B 2219/9067	<administrative transfer to B31B 70/85>
D	B31B 2219/907	<administrative transfer to B31B 70/853>
D	B31B 2219/9074	<administrative transfer to B31B 70/86>
D	B31B 2219/9077	<administrative transfer to B31B 70/864>
D	B31B 2219/908	<administrative transfer to B31B 70/866>
D	B31B 2219/9083	<administrative transfer to B31B 70/868>
D	B31B 2219/9087	<administrative transfer to B31B 70/87>
D	B31B 2219/909	<administrative transfer to B31B 70/872>
D	B31B 2219/9093	<administrative transfer to B31B 70/874>
D	B31B 2219/9096	<administrative transfer to B31B 70/876>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B31B 2219/92	<administrative transfer to B31B 70/92>
D	B31B 2219/921	<administrative transfer to B31B 70/94>
D	B31B 2219/922	<administrative transfer to B31B 70/96>
D	B31B 2219/923	<administrative transfer to B31B 70/942>
D	B31B 2219/924	<administrative transfer to B31B 70/946>
D	B31B 2219/925	<administrative transfer to B31B 70/98>
D	B31B 2219/926	<administrative transfer to B31B 70/982>
D	B31B 2219/927	<administrative transfer to B31B 70/984>
D	B31B 2219/928	<administrative transfer to B31B 70/986>
D	B31B 2219/929	<administrative transfer to B31B 70/988>
D	B31B 2219/94	<administrative transfer to B31B 70/005>
D	B31B 2219/95	<administrative transfer to B31B 70/006>
D	B31B 2221/00	<administrative transfer to B31B 2150/00>
D	B31B 2221/05	<administrative transfer to B31B 2150/00 and B31B 2170/20 simultaneously>
D	B31B 2221/055	<administrative transfer to B31B 2150/00 and B31B 2170/202 simultaneously>
D	B31B 2221/10	<administrative transfer to B31B 2150/00 and B31B 2160/10 simultaneously>
D	B31B 2221/102	<administrative transfer to B31B 2150/00 and B31B 2160/102 simultaneously>
D	B31B 2221/105	<administrative transfer to B31B 2150/00 and B31B 2160/104 simultaneously>
D	B31B 2221/107	<administrative transfer to B31B 2150/00 and B31B 2160/106 simultaneously>
D	B31B 2221/20	<administrative transfer to B31B 2150/00 and B31B 2160/20 simultaneously>
D	B31B 2221/25	<administrative transfer to B31B 2150/00 and B31B 2160/30 simultaneously>
D	B31B 2221/40	<administrative transfer to B31B 2150/001>
D	B31B 2221/402	<administrative transfer to B31B 2150/0012>
D	B31B 2221/405	<administrative transfer to B31B 2150/0014>
D	B31B 2221/407	<administrative transfer to B31B 2150/0016>
D	B31B 2221/50	<administrative transfer to B31B 2150/002>
D	B31B 2221/60	<administrative transfer to B31B 2150/003>
D	B31B 2237/00	<administrative transfer to B31B 2155/00>
D	B31B 2237/05	<administrative transfer to B31B 2170/20 and B31B 2155/00 simultaneously>
D	B31B 2237/055	<administrative transfer to B31B 2170/204 and B31B 2155/00 simultaneously>
D	B31B 2237/10	<administrative transfer to B31B 2160/10 and B31B 2155/00 simultaneously>
D	B31B 2237/20	<administrative transfer to B31B 2160/20 and B31B 2155/00 simultaneously>
D	B31B 2237/25	<administrative transfer to B31B 2160/30 and B31B 2155/00 simultaneously>
D	B31B 2237/40	<administrative transfer to B31B 2155/001>
D	B31B 2237/403	<administrative transfer to B31B 2155/0012>
D	B31B 2237/406	<administrative transfer to B31B 2155/0014>
D	B31B 2237/50	<administrative transfer to B31B 2155/002>
D	B31B 2237/60	<administrative transfer to B31B 2155/003>
C	B31B 2241/00	B31B 2241/00, B31B 2160/00
C	B31B 2241/001	B31B 2241/001, B31B 2160/00
C	B31B 2241/002	B31B 2241/002, B31B 2160/00
C	B31B 2241/003	B31B 2241/003, B31B 2160/00
C	B31B 2241/005	B31B 2241/005, B31B 2160/00

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	B31B 2241/006	B31B 2241/006, B31B 2160/00
C	B31B 2241/007	B31B 2241/007, B31B 2160/00
C	B31B 2241/008	B31B 2241/008, B31B 2160/00
C	B31B 2247/00	B31B 2247/00, B31B 50/99, B31B 70/99
C	B31D 1/00	B31D 1/00, B31B 50/00
C	B31D 3/00	B31D 3/00, B31B 50/00
C	B31D 5/00	B31D 5/00, B31B 50/00
C	B31D 5/0039	B31D 5/0039, B31D 5/04
C	B31D 5/02	B31D 5/02, B31B 50/00
C	B31D 5/04	B31D 5/04, B31B 50/00
C	B31D 99/00	B31D 99/00, B31B 50/00
C	B31F 1/0041	B31F 1/0041, B31F 5/00
C	B31F 1/008	B31F 1/008, B31F 5/00
C	B31F 1/009	B31F 1/009, B31F 5/00

* 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.

NOTES:
- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the "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>" or "<administrative transfer to XX and YY simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be "invention information", unless otherwise indicated, and to 2000 series groups is assumed to be "additional information".

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

CPC	IPC	Action*
B31B1/00		delete
B31B1/02		delete
B31B1/04		delete
B31B1/06		delete
B31B1/08		delete
B31B1/10		delete
B31B1/12		delete
B31B1/14		delete
B31B1/16		delete
B31B1/18		delete
B31B1/20		delete
B31B1/22		delete
B31B1/24		delete
B31B1/25		delete
B31B1/26		delete
B31B1/28		delete
B31B1/30		delete
B31B1/32		delete
B31B1/34		delete
B31B1/36		delete
B31B1/38		delete
B31B1/40		delete
B31B1/42		delete
B31B1/44		delete
B31B1/46		delete
B31B1/48		delete
B31B1/50		delete
B31B1/52		delete
B31B1/54		delete
B31B1/56		delete
B31B1/58		delete
B31B1/60		delete
B31B1/62		delete
B31B1/64		delete
B31B1/66		delete
B31B1/68		delete
B31B1/70		delete
B31B1/72		delete
B31B1/74		delete
B31B1/76		delete
B31B1/78		delete
B31B1/80		delete
B31B1/82		delete

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CPC	IPC	Action*
B31B1/84		delete
B31B1/86		delete
B31B1/88		delete
B31B1/90		delete
B31B1/92		delete
B31B1/94		delete
B31B1/96		delete
B31B1/98		delete
B31B3/00		delete
B31B3/02		delete
B31B3/14		delete
B31B3/26		delete
B31B3/28		delete
B31B3/30		delete
B31B3/32		delete
B31B3/34		delete
B31B3/36		delete
B31B3/44		delete
B31B3/46		delete
B31B3/48		delete
B31B3/50		delete
B31B3/52		delete
B31B3/60		delete
B31B3/64		delete
B31B3/72		delete
B31B3/74		delete
B31B5/00		delete
B31B5/02		delete
B31B5/14		delete
B31B5/26		delete
B31B5/36		delete
B31B5/60		delete
B31B5/74		delete
B31B5/76		delete
B31B5/78		delete
B31B5/80		delete
B31B7/00		delete
B31B7/26		delete
B31B7/28		delete
B31B7/30		delete
B31B7/32		delete
B31B7/44		delete
B31B7/46		delete
B31B11/00		delete
B31B13/00		delete
B31B15/00		delete

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CPC	IPC	Action*
B31B15/02		delete
B31B17/00		delete
B31B17/60		delete
B31B17/74		delete
B31B19/00		delete
B31B19/02		delete
B31B19/10		delete
B31B19/14		delete
B31B19/16		delete
B31B19/18		delete
B31B19/20		delete
B31B19/26		delete
B31B19/36		delete
B31B19/52		delete
B31B19/60		delete
B31B19/62		delete
B31B19/64		delete
B31B19/66		delete
B31B19/68		delete
B31B19/74		delete
B31B19/82		delete
B31B19/84		delete
B31B19/86		delete
B31B19/88		delete
B31B19/90		delete
B31B19/92		delete
B31B19/94		delete
B31B19/96		delete
B31B19/98		delete
B31B21/00		delete
B31B23/00		delete
B31B25/00		delete
B31B27/00		delete
B31B29/00		delete
B31B29/60		delete
B31B29/74		delete
B31B29/84		delete
B31B37/00		delete
B31B39/00		delete
B31B41/00		delete
B31B43/00		delete
B31B45/00		delete
B31B47/00		delete
B31B47/02		delete
B31B47/04		delete
B31B49/00		delete

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CPC	IPC	Action*
B31B49/02		delete
B31B49/04		delete
B31B50/00	B31B50/00	new
B31B50/001	B31B50/00	new
B31B50/0012	B31B50/00	new
B31B50/0014	B31B50/00	new
B31B50/002	B31B50/00	new
B31B50/003	B31B50/00	new
B31B50/004	B31B50/00	new
B31B50/0042	B31B50/00	new
B31B50/0044	B31B50/00	new
B31B50/0045	B31B50/00	new
B31B50/005	B31B50/00	new
B31B50/006	B31B50/00	new
B31B50/02	B31B50/02	new
B31B50/022	B31B50/02	new
B31B50/024	B31B50/02	new
B31B50/04	B31B50/04	new
B31B50/042	B31B50/04	new
B31B50/044	B31B50/04	new
B31B50/046	B31B50/04	new
B31B50/06	B31B50/06	new
B31B50/062	B31B50/06	new
B31B50/064	B31B50/06	new
B31B50/066	B31B50/06	new
B31B50/07	B31B50/07	new
B31B50/10	B31B50/10	new
B31B50/102	B31B50/10	new
B31B50/104	B31B50/10	new
B31B50/106	B31B50/10	new
B31B50/12	B31B50/12	new
B31B50/14	B31B50/14	new
B31B50/142	B31B50/14	new
B31B50/144	B31B50/14	new
B31B50/146	B31B50/14	new
B31B50/16	B31B50/16	new
B31B50/18	B31B50/18	new
B31B50/20	B31B50/20	new
B31B50/22	B31B50/22	new
B31B50/25	B31B50/25	new
B31B50/252	B31B50/25	new
B31B50/254	B31B50/25	new
B31B50/256	B31B50/25	new
B31B50/26	B31B50/26	new
B31B50/262	B31B50/26	new
B31B50/28	B31B50/28	new

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CPC	IPC	Action*
B31B50/282	B31B50/28	new
B31B50/30	B31B50/30	new
B31B50/32	B31B50/32	new
B31B50/322	B31B50/32	new
B31B50/324	B31B50/32	new
B31B50/326	B31B50/32	new
B31B50/34	B31B50/34	new
B31B50/36	B31B50/36	new
B31B50/38	B31B50/38	new
B31B50/40	B31B50/40	new
B31B50/42	B31B50/42	new
B31B50/44	B31B50/44	new
B31B50/442	B31B50/44	new
B31B50/444	B31B50/44	new
B31B50/46	B31B50/46	new
B31B50/48	B31B50/48	new
B31B50/50	B31B50/50	new
B31B50/52	B31B50/52	new
B31B50/54	B31B50/54	new
B31B50/56	B31B50/56	new
B31B50/58	B31B50/58	new
B31B50/585	B31B50/585	new
B31B50/59	B31B50/59	new
B31B50/60	B31B50/60	new
B31B50/61	B31B50/60	new
B31B50/62	B31B50/62	new
B31B50/622	B31B50/62	new
B31B50/624	B31B50/62	new
B31B50/626	B31B50/62	new
B31B50/64	B31B50/64	new
B31B50/642	B31B50/64	new
B31B50/644	B31B50/64	new
B31B50/645	B31B50/64	new
B31B50/648	B31B50/64	new
B31B50/649	B31B50/64	new
B31B50/66	B31B50/66	new
B31B50/68	B31B50/68	new
B31B50/682	B31B50/68	new
B31B50/684	B31B50/68	new
B31B50/686	B31B50/68	new
B31B50/70	B31B50/70	new
B31B50/72	B31B50/72	new
B31B50/722	B31B50/72	new
B31B50/724	B31B50/72	new
B31B50/726	B31B50/72	new
B31B50/73	B31B50/73	new

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CPC	IPC	Action*
B31B50/732	B31B50/73	new
B31B50/734	B31B50/73	new
B31B50/74	B31B50/74	new
B31B50/741	B31B50/74	new
B31B50/742	B31B50/74	new
B31B50/743	B31B50/74	new
B31B50/745	B31B50/74	new
B31B50/747	B31B50/74	new
B31B50/75	B31B50/74	new
B31B50/753	B31B50/74	new
B31B50/756	B31B50/74	new
B31B50/76	B31B50/76	new
B31B50/78	B31B50/78	new
B31B50/782	B31B50/78	new
B31B50/784	B31B50/78	new
B31B50/786	B31B50/78	new
B31B50/787	B31B50/78	new
B31B50/788	B31B50/78	new
B31B50/80	B31B50/80	new
B31B50/802	B31B50/80	new
B31B50/804	B31B50/80	new
B31B50/81	B31B50/81	new
B31B50/811	B31B50/81	new
B31B50/812	B31B50/81	new
B31B50/8121	B31B50/81	new
B31B50/8122	B31B50/81	new
B31B50/8123	B31B50/81	new
B31B50/8124	B31B50/81	new
B31B50/8125	B31B50/81	new
B31B50/8126	B31B50/81	new
B31B50/8127	B31B50/81	new
B31B50/8128	B31B50/81	new
B31B50/8129	B31B50/81	new
B31B50/813	B31B50/81	new
B31B50/814	B31B50/81	new
B31B50/8142	B31B50/81	new
B31B50/8144	B31B50/81	new
B31B50/82	B31B50/82	new
B31B50/83	B31B50/83	new
B31B50/84	B31B50/84	new
B31B50/85	B31B50/85	new
B31B50/86	B31B50/86	new
B31B50/87	B31B50/86	new
B31B50/88	B31B50/88	new
B31B50/92	B31B50/92	new
B31B50/94	B31B50/94	new

CPC Form – v.4

CPC	IPC	Action*
B31B50/96	B31B50/96	new
B31B50/98	B31B50/98	new
B31B50/99	B31B50/99	new
B31B70/00	B31B70/00	new
B31B70/001	B31B70/00	new
B31B70/002	B31B70/00	new
B31B70/003	B31B70/00	new
B31B70/004	B31B70/00	new
B31B70/005	B31B70/00	new
B31B70/006	B31B70/00	new
B31B70/008	B31B70/00	new
B31B70/02	B31B70/02	new
B31B70/022	B31B70/02	new
B31B70/024	B31B70/02	new
B31B70/04	B31B70/04	new
B31B70/10	B31B70/10	new
B31B70/14	B31B70/14	new
B31B70/142	B31B70/14	new
B31B70/144	B31B70/14	new
B31B70/146	B31B70/14	new
B31B70/148	B31B70/14	new
B31B70/16	B31B70/16	new
B31B70/18	B31B70/18	new
B31B70/20	B31B70/20	new
B31B70/25	B31B70/00	new
B31B70/252	B31B70/00	new
B31B70/254	B31B70/00	new
B31B70/256	B31B70/00	new
B31B70/26	B31B70/26	new
B31B70/261	B31B70/26	new
B31B70/262	B31B70/26	new
B31B70/266	B31B70/26	new
B31B70/28	B31B70/26	new
B31B70/30	B31B70/26	new
B31B70/36	B31B70/36	new
B31B70/44	B31B70/26	new
B31B70/52	B31B70/52	new
B31B70/56	B31B70/26	new
B31B70/58	B31B70/26	new
B31B70/60	B31B70/60	new
B31B70/61	B31B70/60	new
B31B70/62	B31B70/62	new
B31B70/626	B31B70/62	new
B31B70/628	B31B70/62	new
B31B70/64	B31B70/64	new
B31B70/642	B31B70/64	new

CPC Form – v.4

CPC	IPC	Action*
B31B70/643	B31B70/64	new
B31B70/644	B31B70/64	new
B31B70/645	B31B70/64	new
B31B70/648	B31B70/64	new
B31B70/649	B31B70/64	new
B31B70/66	B31B70/66	new
B31B70/68	B31B70/68	new
B31B70/74	B31B70/74	new
B31B70/76	B31B70/74	new
B31B70/79	B31B70/74	new
B31B70/81	B31B70/81	new
B31B70/812	B31B70/81	new
B31B70/8122	B31B70/81	new
B31B70/8123	B31B70/81	new
B31B70/813	B31B70/81	new
B31B70/8131	B31B70/81	new
B31B70/8132	B31B70/81	new
B31B70/8133	B31B70/81	new
B31B70/8134	B31B70/81	new
B31B70/8135	B31B70/81	new
B31B70/8136	B31B70/81	new
B31B70/8137	B31B70/81	new
B31B70/82	B31B70/82	new
B31B70/822	B31B70/82	new
B31B70/826	B31B70/82	new
B31B70/83	B31B70/83	new
B31B70/84	B31B70/84	new
B31B70/844	B31B70/84	new
B31B70/85	B31B70/85	new
B31B70/853	B31B70/85	new
B31B70/855	B31B70/855	new
B31B70/857	B31B70/855	new
B31B70/859	B31B70/855	new
B31B70/86	B31B70/86	new
B31B70/864	B31B70/86	new
B31B70/866	B31B70/86	new
B31B70/868	B31B70/86	new
B31B70/87	B31B70/86	new
B31B70/872	B31B70/86	new
B31B70/874	B31B70/86	new
B31B70/876	B31B70/86	new
B31B70/88	B31B70/88	new
B31B70/92	B31B70/92	new
B31B70/94	B31B70/94	new
B31B70/942	B31B70/94	New
B31B70/946	B31B70/94	new

CPC Form – v.4

CPC	IPC	Action*
B31B70/96	B31B70/96	new
B31B70/98	B31B70/98	new
B31B70/982	B31B70/98	new
B31B70/984	B31B70/98	new
B31B70/986	B31B70/98	new
B31B70/988	B31B70/98	new
B31B70/99	B31B70/99	new
B31B2100/00	B31B100/00	new
B31B2100/002	B31B100/00	new
B31B2100/0022	B31B100/00	new
B31B2100/0024	B31B100/00	new
B31B2100/0026	B31B100/00	new
B31B2100/0028	B31B100/00	new
B31B2105/00	B31B105/00	new
B31B2105/001	B31B105/00	new
B31B2105/002	B31B105/00	new
B31B2105/0022	B31B105/00	new
B31B2105/0024	B31B105/00	new
B31B2105/0025	B31B105/00	new
B31B2105/0027	B31B105/00	new
B31B2110/00	B31B110/00	new
B31B2110/10	B31B110/10	new
B31B2110/20	B31B110/20	new
B31B2110/30	B31B110/30	new
B31B2110/35	B31B110/35	new
B31B2110/40	B31B110/40	new
B31B2120/00	B31B120/00	new
B31B2120/002	B31B120/00	new
B31B2120/004	B31B120/00	new
B31B2120/10	B31B120/10	new
B31B2120/102	B31B120/10	new
B31B2120/20	B31B120/20	new
B31B2120/25	B31B120/25	new
B31B2120/30	B31B120/30	new
B31B2120/302	B31B120/30	new
B31B2120/40	B31B120/40	new
B31B2120/402	B31B120/40	new
B31B2120/404	B31B120/40	new
B31B2120/406	B31B120/40	new
B31B2120/407	B31B120/40	new
B31B2120/408	B31B120/40	new
B31B2120/50	B31B120/50	new
B31B2120/501	B31B120/50	new
B31B2120/502	B31B120/00	new
B31B2120/60	B31B120/60	new
B31B2120/70	B31B120/70	new

CPC Form – v.4

CPC	IPC	Action*
B31B2150/00	B31B150/00	new
B31B2150/001	B31B150/00	new
B31B2150/0012	B31B150/00	new
B31B2150/0014	B31B150/00	new
B31B2150/0016	B31B150/00	new
B31B2150/002	B31B150/00	new
B31B2150/003	B31B150/00	new
B31B2150/10	B31B150/10	new
B31B2150/20	B31B150/20	new
B31B2155/00	B31B155/00	new
B31B2155/001	B31B155/00	new
B31B2155/0012	B31B155/00	new
B31B2155/0014	B31B155/00	new
B31B2155/002	B31B155/00	new
B31B2155/003	B31B155/00	new
B31B2160/00	B31B160/00	new
B31B2160/10	B31B160/10	new
B31B2160/102	B31B160/10	new
B31B2160/104	B31B160/10	new
B31B2160/106	B31B160/10	new
B31B2160/20	B31B160/20	new
B31B2160/30	B31B160/30	new
B31B2170/00	B31B170/00	new
B31B2170/10	B31B170/10	new
B31B2170/20	B31B170/20	new
B31B2170/202	B31B170/20	new
B31B2170/204	B31B170/20	new
B31B2170/30	B31B170/30	new
B31B2201/00		delete
B31B2201/02		delete
B31B2201/0205		delete
B31B2201/0211		delete
B31B2201/0217		delete
B31B2201/0223		delete
B31B2201/0229		delete
B31B2201/0235		delete
B31B2201/0241		delete
B31B2201/0247		delete
B31B2201/0252		delete
B31B2201/0258		delete
B31B2201/0264		delete
B31B2201/027		delete
B31B2201/0276		delete
B31B2201/0282		delete
B31B2201/0288		delete
B31B2201/0294		delete

CPC Form – v.4

CPC	IPC	Action*
B31B2201/14		delete
B31B2201/141		delete
B31B2201/142		delete
B31B2201/143		delete
B31B2201/145		delete
B31B2201/146		delete
B31B2201/147		delete
B31B2201/148		delete
B31B2201/22		delete
B31B2201/223		delete
B31B2201/226		delete
B31B2201/24		delete
B31B2201/25		delete
B31B2201/252		delete
B31B2201/255		delete
B31B2201/257		delete
B31B2201/26		delete
B31B2201/2604		delete
B31B2201/2608		delete
B31B2201/2612		delete
B31B2201/2616		delete
B31B2201/262		delete
B31B2201/2625		delete
B31B2201/2629		delete
B31B2201/2633		delete
B31B2201/2637		delete
B31B2201/2641		delete
B31B2201/2645		delete
B31B2201/265		delete
B31B2201/2654		delete
B31B2201/2658		delete
B31B2201/2662		delete
B31B2201/2666		delete
B31B2201/267		delete
B31B2201/2675		delete
B31B2201/2679		delete
B31B2201/2683		delete
B31B2201/2687		delete
B31B2201/2691		delete
B31B2201/2695		delete
B31B2201/27		delete
B31B2201/28		delete
B31B2201/281		delete
B31B2201/282		delete
B31B2201/283		delete
B31B2201/284		delete

CPC Form – v.4

CPC	IPC	Action*
B31B2201/285		delete
B31B2201/286		delete
B31B2201/287		delete
B31B2201/288		delete
B31B2201/289		delete
B31B2201/29		delete
B31B2201/292		delete
B31B2201/295		delete
B31B2201/297		delete
B31B2201/60		delete
B31B2201/6004		delete
B31B2201/6008		delete
B31B2201/6013		delete
B31B2201/6017		delete
B31B2201/6021		delete
B31B2201/6026		delete
B31B2201/603		delete
B31B2201/6034		delete
B31B2201/6039		delete
B31B2201/6043		delete
B31B2201/6047		delete
B31B2201/6052		delete
B31B2201/6056		delete
B31B2201/606		delete
B31B2201/6065		delete
B31B2201/6069		delete
B31B2201/6073		delete
B31B2201/6078		delete
B31B2201/6082		delete
B31B2201/6086		delete
B31B2201/6091		delete
B31B2201/6095		delete
B31B2201/61		delete
B31B2201/62		delete
B31B2201/621		delete
B31B2201/622		delete
B31B2201/624		delete
B31B2201/625		delete
B31B2201/627		delete
B31B2201/628		delete
B31B2201/88		delete
B31B2201/90		delete
B31B2201/9004		delete
B31B2201/9009		delete
B31B2201/9014		delete
B31B2201/9019		delete

CPC Form – v.4

CPC	IPC	Action*
B31B2201/9023		delete
B31B2201/9028		delete
B31B2201/9033		delete
B31B2201/9038		delete
B31B2201/9042		delete
B31B2201/9047		delete
B31B2201/9052		delete
B31B2201/9057		delete
B31B2201/9061		delete
B31B2201/9066		delete
B31B2201/9071		delete
B31B2201/9076		delete
B31B2201/908		delete
B31B2201/9085		delete
B31B2201/909		delete
B31B2201/9095		delete
B31B2201/92		delete
B31B2201/922		delete
B31B2201/925		delete
B31B2201/927		delete
B31B2201/94		delete
B31B2201/95		delete
B31B2203/00		delete
B31B2203/003		delete
B31B2203/006		delete
B31B2203/06		delete
B31B2203/062		delete
B31B2203/064		delete
B31B2203/066		delete
B31B2203/068		delete
B31B2203/08		delete
B31B2203/082		delete
B31B2203/084		delete
B31B2203/086		delete
B31B2203/088		delete
B31B2203/10		delete
B31B2203/101		delete
B31B2203/103		delete
B31B2203/105		delete
B31B2203/106		delete
B31B2203/108		delete
B31B2217/00		delete
B31B2217/0007		delete
B31B2217/0015		delete
B31B2217/0023		delete
B31B2217/003		delete

CPC Form – v.4

CPC	IPC	Action*
B31B2217/0038		delete
B31B2217/0046		delete
B31B2217/0053		delete
B31B2217/0061		delete
B31B2217/0069		delete
B31B2217/0076		delete
B31B2217/0084		delete
B31B2217/0092		delete
B31B2217/02		delete
B31B2217/06		delete
B31B2217/062		delete
B31B2217/064		delete
B31B2217/066		delete
B31B2217/068		delete
B31B2217/08		delete
B31B2217/082		delete
B31B2217/084		delete
B31B2217/086		delete
B31B2217/088		delete
B31B2217/10		delete
B31B2217/101		delete
B31B2217/103		delete
B31B2217/105		delete
B31B2217/106		delete
B31B2217/108		delete
B31B2219/00		delete
B31B2219/02		delete
B31B2219/022		delete
B31B2219/024		delete
B31B2219/026		delete
B31B2219/028		delete
B31B2219/14		delete
B31B2219/141		delete
B31B2219/142		delete
B31B2219/143		delete
B31B2219/145		delete
B31B2219/146		delete
B31B2219/147		delete
B31B2219/148		delete
B31B2219/22		delete
B31B2219/225		delete
B31B2219/23		delete
B31B2219/25		delete
B31B2219/252		delete
B31B2219/255		delete
B31B2219/257		delete

CPC Form – v.4

CPC	IPC	Action*
B31B2219/26		delete
B31B2219/2609		delete
B31B2219/2618		delete
B31B2219/2627		delete
B31B2219/2636		delete
B31B2219/2645		delete
B31B2219/2654		delete
B31B2219/2663		delete
B31B2219/2672		delete
B31B2219/2681		delete
B31B2219/269		delete
B31B2219/28		delete
B31B2219/29		delete
B31B2219/60		delete
B31B2219/6007		delete
B31B2219/6015		delete
B31B2219/6023		delete
B31B2219/603		delete
B31B2219/6038		delete
B31B2219/6046		delete
B31B2219/6053		delete
B31B2219/6061		delete
B31B2219/6069		delete
B31B2219/6076		delete
B31B2219/6084		delete
B31B2219/6092		delete
B31B2219/61		delete
B31B2219/62		delete
B31B2219/88		delete
B31B2219/90		delete
B31B2219/9003		delete
B31B2219/9006		delete
B31B2219/9009		delete
B31B2219/9012		delete
B31B2219/9016		delete
B31B2219/9019		delete
B31B2219/9022		delete
B31B2219/9025		delete
B31B2219/9029		delete
B31B2219/9032		delete
B31B2219/9035		delete
B31B2219/9038		delete
B31B2219/9041		delete
B31B2219/9045		delete
B31B2219/9048		delete
B31B2219/9051		delete

CPC Form – v.4

CPC	IPC	Action*
B31B2219/9054		delete
B31B2219/9058		delete
B31B2219/9061		delete
B31B2219/9064		delete
B31B2219/9067		delete
B31B2219/907		delete
B31B2219/9074		delete
B31B2219/9077		delete
B31B2219/908		delete
B31B2219/9083		delete
B31B2219/9087		delete
B31B2219/909		delete
B31B2219/9093		delete
B31B2219/9096		delete
B31B2219/92		delete
B31B2219/921		delete
B31B2219/922		delete
B31B2219/923		delete
B31B2219/924		delete
B31B2219/925		delete
B31B2219/926		delete
B31B2219/927		delete
B31B2219/928		delete
B31B2219/929		delete
B31B2219/94		delete
B31B2219/95		delete
B31B2221/00		delete
B31B2221/05		delete
B31B2221/055		delete
B31B2221/10		delete
B31B2221/102		delete
B31B2221/105		delete
B31B2221/107		delete
B31B2221/20		delete
B31B2221/25		delete
B31B2221/40		delete
B31B2221/402		delete
B31B2221/405		delete
B31B2221/407		delete
B31B2221/50		delete
B31B2221/60		delete
B31B2237/00		delete
B31B2237/05		delete
B31B2237/055		delete
B31B2237/10		delete
B31B2237/20		delete

CPC Form – v.4

CPC	IPC	Action*
B31B2237/25		delete
B31B2237/40		delete
B31B2237/403		delete
B31B2237/406		delete
B31B2237/50		delete
B31B2237/60		delete

*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.
- E 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
A44B 19/42	B31B 19/00	B31B 70/813
B29C 69/005	B31B 1/90	B31B 50/81
B65H 45/02	B31B 1/26	B31B50/26, B31B70/26

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
A44B 19/00	B31B 19/90	Limiting references	B31B 70/81
A44B 19/16	B31B 19/90	Limiting references	B31B 70/81
A44B 19/267	B31B 19/90	Limiting references	B31B 70/81
A44B 19/36	B31B 19/90	Limiting references	B31B 70/81
A44B 19/42	B31B 19/90	Limiting references	B31B 70/81
A44B 19/42	B21D 53/53	Limiting references	B21D 53/50
A47F 9/042	B31B 19/00	Informative references	B31B 70/00, B31B 2160/10
A47F 13/085	B31B 19/00	Informative references	B31B 70/00, B31B 2160/10
B29C 45/14475	B31B 3/44	Informative references	B31B 50/26, B31B 50/61
B29C 47/0059	B31B 3/00	Informative references	B31B 50/26
B29C 66/53246	B31B 1/84	Informative references	B31B 50/84, B31B 70/844
B42B	B31B 1/60, B31B 19/60	Informative references	B31B 50/60, B31B 70/60
B42B 4/00	B31B 1/68, B31B 19/68	Informative references	B31B 50/68, B31B 70/68
B43M 3/00	B31B 19/00 - B31B 49/04	Informative references	B31B 70/00
B43M 5/00	B31B 19/00 - B31B 49/04	Informative references	B31B 70/00
B43M 7/00	B31B 19/00 - B31B 49/04	Informative references	B31B 70/00
B65B 3/025	B31B 2203/00	Informative references	B31B 2100/00
B65B 3/027	B31B 2217/00	Informative references	B31B 2105/00
B65B 5/022	B31B 2219/00	Informative references	B31B 70/00
B65B 5/024	B31B 2203/00, B31B 2217/00	Informative references	B31B 50/00
B65B 5/026	B31B 2203/00	Informative references	B31B 50/00, B31B 2100/00
B65B 5/028	B31B 2217/00	Informative references	B31B 2105/00, B31B 2120/00
B65B 7/00	B31B 2201/29	Informative references	B31B 50/004

Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
B65B 7/00	B31B 2219/29	Informative references	B31B 70/004
B65B 11/004	B31B 2201/2604	Informative references	B31B 50/28
B65B 43/02	B31B 2221/00	Informative references	B31B 70/00, B31B 2150/00
B65B 43/04	B31B 2237/00	Informative references	B31B 70/00, B31B 2155/00
B65B 43/06	B31B 2237/50	Informative references	B31B 70/00, B31B 2155/002
B65B 43/24	B31B 2201/24	Relationships with other classification places	B31B 50/002
B65B 43/26	B31B 2201/28	Informative references	B31B 50/76
B65B 43/26	B31B 2219/28	Informative references	B31B 70/003
B65B 61/00	B31B 2201/90	Informative references	B31B 50/81
B65B 61/00	B31B 2219/90	Informative references	B31B 70/81
B65B 61/182	B31B 2201/9009	Informative references	B31B 50/812
B65B 61/182	B31B 2219/9003	Informative references	B31B 70/812
B65B 61/184	B31B 2201/9061	Informative references	B31B 50/814
B65B 61/184	B31B 2219/9012	Informative references	B31B 70/813
B65B 61/186	B31B 2201/9085	Limiting references	B31B 50/84
B65B 61/186	B31B 2219/9051	Limiting references	B31B 70/84
B65B 61/188	B31B 2219/9016	Limiting references	B31B 70/8131
B65D 27/00	B31B 21/00	Limiting references	B31B 70/00, B31B 2150/00, B31B 2160/10
B65D 33/2508	B31B 19/90	Limiting references	B31B 70/8131
B65H 45/00	B31B 19/26	Limiting references	B31B 70/26

NOTES:
- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions inside 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," **referenced** D symbols should indicate an action of "delete" or should indicate a replacement symbol and **referenced** 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.