

Statistical mapping of USPC to CPC for Class 29

USPC Subclass	Most statistically relevant CPC groups
29/2	Y 02E 60/12, Y 02E 60/126, H 01M 4/745, H 01M 4/73, H 01M 4/82
29/2.1	B 26D 3/162, D 06H 7/12, B 21B 1/08, B 21B 1/085, B 21B 2015/0021
29/2.11	D 06H 7/12
29/2.12	B 26D 3/001, B 29C 47/0026, B 29C 47/0057, B 29C 47/0059, B 29C 47/0066
29/2.13	D 06H 7/12
29/2.14	D 06H 7/12, B 26D 3/162, B 29C 47/0026, B 29C 47/0057, B 29C 47/0059
29/2.15	D 06H 7/12, B 26D 3/16, H 01B 13/208
29/2.16	D 06H 7/12, B 26D 3/003, B 26D 3/162, B 29D 99/0078, B 29K 2021/00
29/2.17	D 06H 7/12
29/2.18	D 06H 7/12, B 26D 3/162, B 29C 55/285
29/2.19	D 06H 7/12, B 25B 27/26, B 26D 1/245, B 26D 3/162, B 26D 7/015
29/2.2	D 06H 7/12, B 26D 3/162
29/2.21	B 21C 37/26, B 26D 3/162, D 04H 3/04, D 06H 7/12
29/2.22	D 06H 7/12, B 26D 3/005, B 26D 3/28
29/2.23	D 06H 7/12
29/2.24	D 06H 7/12, B 26D 1/185, B 26D 1/205, B 26D 3/003, B 26D 3/11
29/2.25	A 61B 17/1631, A 61B 17/164, B 21K 1/063, B 21K 1/12, B 21K 1/305
29/3	B 21F 45/00, B 21D 53/36, B 21D 53/46, A 44B 11/003, B 21F 45/16
29/4	A 44B 1/06, B 23P 19/04, A 41H 37/10, A 44C

	3/001, A 44C 27/00
29/4.51	B 23P 17/06, B 21F 33/00, B 21F 45/00, B 22F 1/004, B 22F 8/00
29/4.52	B 23P 17/06, B 01D 39/2041, B 01D 2239/10
29/4.53	B 23P 17/06, B 65H 2701/38, B 23D 25/14, B 65H 54/2803, B 65H 59/38
29/4.54	B 21F 45/00, B 23P 17/06, B 24D 11/003
29/4.55	B 23P 17/06, B 01D 29/0022, B 01D 29/0027, B 01D 29/0036, B 01D 29/0093
29/4.56	B 23P 17/06, A 47L 13/03, B 05D 1/02, C 11D 17/049, D 06M 23/00
29/4.6	D 03C 9/02, G 01S 1/72
29/5	B 21F 45/00, B 21D 7/06, B 21D 11/10, B 21F 37/02, B 21G 7/08
29/6.01	B 21K 1/08, B 24B 5/42, B 21D 53/845, B 23C 3/06, B 21D 26/039
29/6.1	B 21D 31/046, B 21D 47/02, B 21D 31/04, B 31D 1/0031, E 04C 3/09
29/6.2	B 21D 31/043, B 21D 31/04, B 21D 31/046, B 21D 47/02, B 21D 47/00
29/7	B 21D 53/36, B 21G 3/00, A 44B 13/0011, A 44C 5/2038, A 47B 96/06
29/7.1	A 61B 17/06166, A 61B 2017/00526, A 61B 2017/06176, A 61B 17/064, B 26D 3/08
29/7.2	B 21F 25/00, B 21D 35/00, B 21D 53/00, B 21C 47/00
29/7.3	B 21F 25/00, B 21F 15/02, B 21F 15/06, B 21F 27/00, E 04H 17/00
29/8	B 21D 53/44, A 44C 9/00, A 44C 27/00, B 21D 39/20, A 44C 11/00
29/9	B 21F 45/12, A 01K 83/00, B 02C 4/30
29/10	A 44C 17/043, A 44C 17/04, B 23P 5/00, A 44C 17/02, G 04D 3/042

29/11	B 21D 53/40, B 21D 51/52, E 05Y 2900/531, E 05D 5/127, B 21K 13/02
29/12	F 42B 30/08, G 01M 1/32, G 05B 19/41875, G 05B 19/4189, G 05B 2219/32181
29/13	B 21D 53/36, B 21D 53/00, B 21F 11/00, B 21F 23/00, B 21F 45/24
29/14	B 21K 19/00, B 21H 7/06, B 21K 19/02, B 21D 53/66, B 21J 1/06
29/15	B 21B 45/04, B 21J 13/06, B 25B 27/26, B 25B 27/28, B 25B 27/30
29/16	B 21K 7/08, B 21D 28/32, B 21D 53/00, B 23K 11/105, H 01J 9/263
29/17.1	B 21C 37/02, B 21B 1/38, B 21B 1/22, B 21B 1/24, B 21B 39/002
29/17.2	B 21B 1/22, B 21B 1/24, B 21B 1/38, B 21B 1/28, B 21B 45/06
29/17.3	B 32B 15/08, A 61B 17/205, B 21B 1/38, B 21B 1/40, B 21B 3/00
29/17.4	B 21B 1/38, B 21B 1/26, B 21B 45/004, B 21B 1/24, B 21B 41/04
29/17.5	B 21B 1/38, B 21B 3/00, B 29D 7/01, B 21B 1/40, B 21C 37/02
29/17.6	B 21B 1/38, B 21B 1/227, B 21B 1/28, B 21B 45/004, B 21B 47/00
29/17.7	B 21B 47/04, B 21B 1/38, B 65H 3/60, B 66C 1/04, B 21B 1/26
29/17.8	B 21C 37/02, B 21B 1/24, B 21B 38/12, B 21B 2027/083, B 21C 37/04
29/17.9	B 21B 1/22, B 21B 1/40, B 21B 3/00, B 21B 3/02, B 21B 15/0085
29/18.1	B 21B 47/04
29/20	G 02C 5/00, G 02C 5/18, B 29D 12/02, G 02C 13/001, B 21F 45/002
29/20.1	C 14B 5/04, A 43D 98/00, C 14B 5/00, C 14B 2700/11, B 21C 37/04

29/21	B 41D 5/00, B 41D 3/00, B 41D 1/00, B 23C 3/00, B 41F 27/005
29/21.1	B 21D 39/034, B 21D 39/03, B 21D 39/031, B 21D 39/00, B 25B 7/02
29/22	B 60C 25/00
29/23.1	D 04B 37/04
29/23.51	F 01D 25/285, B 23P 15/006, F 05B 2230/60, B 23P 6/002, F 01D 5/005
29/24	B 41B 11/00, B 23D 1/00, B 41B 5/02
29/24.5	E 06B 9/266, B 23B 41/00, E 06B 9/262, E 06B 9/386, E 06B 9/382
29/25	A 45B 25/02, A 45B 25/04, A 45B 2011/005, A 62B 3/00, B 21D 53/00
29/25.01	H 01L 21/67276, H 01L 21/67167, H 01L 21/67757, H 01L 21/67144, H 01L 21/67742
29/25.02	H 01L 21/00, H 01L 45/00, H 01L 21/67121, H 01L 21/14, H 01L 31/18
29/25.03	H 01G 9/15, H 01G 9/155, H 01G 9/012, H 01G 9/0029, Y 02E 60/13
29/25.35	H 01L 41/39, B 41J 2/1623, H 03H 3/02, H 01L 41/22, B 41J 2/161
29/25.41	G 01L 9/0073, H 01G 5/06, H 01G 13/00, G 01L 9/0075, G 01P 15/0802
29/25.42	H 01G 4/30, H 01G 13/00, H 01G 13/006, H 01G 13/02, H 01G 4/32
29/76.1	B 23D 67/00, B 23D 79/00, B 23D 71/00, B 23C 3/05, B 23D 49/007
29/76.2	B 23P 15/005, B 23D 67/00, B 23C 3/35, B 23D 69/02
29/76.3	B 23D 67/00, B 23D 55/082, B 23D 53/00, B 23D 53/006, B 23D 53/12
29/76.4	B 23D 67/00, B 23D 67/12, B 23B 31/11, B 23D 67/02, B 23D 69/00
29/77	

29/81.01	B 21B 45/06, B 24C 1/086, B 24C 1/003, B 08B 1/02, B 08B 7/02
29/81.02	B 08B 9/023, F 28G 3/10, B 21B 45/08, B 23D 79/00, B 08B 7/04
29/81.021	B 09B 5/00, B 21C 37/30, B 21D 41/021, B 23D 21/02, B 26D 3/001
29/81.03	B 21B 45/06, B 21D 1/02, B 21B 1/28, B 21B 45/04, C 23D 17/00
29/81.04	B 21C 43/04, A 46B 13/001, B 08B 1/04, B 08B 9/023, B 21B 45/04
29/81.05	B 08B 7/024, B 21B 45/04, B 28D 1/181, B 23D 79/02, B 08B 1/04
29/81.06	B 21B 45/06, B 24C 3/12, B 21B 3/02, B 21B 45/04, B 21C 47/262
29/81.07	B 23K 7/06, C 23G 1/28, C 23G 3/023, C 23G 5/00, F 23D 14/38
29/81.08	B 21B 45/08, B 21C 43/04, B 21B 39/14, B 21B 45/04, C 23G 3/00
29/81.09	B 21B 1/16, B 21B 45/04, B 23P 6/002, B 23P 2700/06
29/81.1	B 21B 45/04, B 08B 7/024, B 08B 9/023, B 23D 21/10, B 63B 59/10
29/81.11	B 21B 45/04, B 21B 45/00, B 08B 7/024, B 09B 5/00, B 21B 45/06
29/81.12	B 21C 43/04, B 21B 45/00, B 21B 45/04, B 21B 45/06, B 21D 1/02
29/81.13	B 21B 45/00, B 21C 37/04, B 21C 43/00
29/81.14	B 25D 2250/291, B 08B 7/022, B 23K 5/22, B 08B 1/02, B 08B 7/0092
29/81.15	B 08B 7/02, B 25D 17/02, B 21B 45/04, B 23K 9/32, B 23K 9/328
29/81.16	B 08B 7/02, B 25D 17/28, A 47L 11/00, A 47L 11/4036, A 47L 11/4069
29/81.17	B 25D 1/00, B 23K 5/22, B 25D 1/02, B 25D 2250/105, B 25D 2250/361

29/89.5	B 25H 1/0007, F 16C 33/14, F 02B 79/00, B 25B 27/00, B 25H 1/00
29/90.01	B 24B 39/023, B 24B 39/00, B 24B 39/04, B 24B 39/045, B 24B 39/02
29/90.1	D 21G 1/00, B 24B 39/023, D 21G 1/0073, D 21G 9/009, D 21H 21/26
29/90.2	B 23P 15/44, D 21G 1/0073, D 21G 3/02
29/90.3	B 41N 3/04, D 21G 1/00, D 21G 9/009, D 21J 1/00
29/90.5	B 24B 5/38, B 24B 39/00, B 24B 39/04, H 01B 13/0006, B 21C 43/00
29/90.6	B 21H 5/022, B 23F 19/04, B 23F 19/00, B 23F 19/025, B 21H 5/045
29/90.7	B 24C 1/10, C 21D 7/06, B 23P 9/00, B 24B 39/006, B 24C 3/083
29/91	B 68G 7/05, B 21F 33/025, B 68G 9/00, A 47C 27/064, A 47C 27/053
29/91.1	B 68G 7/00, A 47C 31/026, B 68G 7/05, B 68G 9/00, A 47C 31/023
29/91.2	B 68G 15/005, B 68G 7/08
29/91.3	B 68G 7/08, B 68G 15/005
29/91.4	B 68G 7/08, B 27F 7/21, B 68G 15/005, D 05B 3/16, D 05B 85/006
29/91.5	B 68G 7/05, B 68G 7/00, B 68G 7/051, B 29C 45/14336, B 29C 63/22
29/91.6	B 60R 13/0206, B 60R 13/0243, D 05B 11/005, D 05B 35/02, D 05B 35/06
29/91.7	B 68G 7/08, B 68G 7/05
29/91.8	A 47B 37/00, A 47C 31/02, B 29C 63/04, B 68G 7/05, B 68G 15/005
29/592	B 23K 1/018, G 05D 23/121, A 61M 25/09, A 61M 25/09033, A 61M 2025/09075
29/592.1	H 01G 7/023, Y 02E 60/12, B 41J 2/395, B 82Y 10/00, G 02F 1/1339

29/593	H 01L 2924/01079, H 01L 2924/14, H 01L 2924/01013, H 01L 2924/01078, H 01L 2924/30107
29/594	H 04R 31/00, H 04R 31/006, H 04R 31/003, H 03H 3/02, H 04R 19/005
29/595	A 61B 5/14532, A 61B 5/14865, G 01N 27/3271, G 01N 33/5438, C 12Q 1/001
29/596	H 02K 15/16, H 02K 15/024, H 02K 15/12, H 02K 15/03, H 02K 15/068
29/597	H 01R 43/08, H 01R 43/06, H 02K 13/04, H 02K 15/09, H 01R 39/06
29/598	H 02K 15/03, H 02K 15/0012, H 02K 1/278, H 02K 1/28, H 02K 15/022
29/599	H 01L 39/2409, H 01L 39/248, H 01F 6/06, H 01L 39/14, H 01L 39/2403
29/600	G 06K 19/07749, H 01P 11/00, H 01Q 1/38, H 01P 11/002, H 01J 23/26
29/601	H 01L 2924/01079, G 06K 19/07749, H 01L 2223/6677, H 01Q 1/38, H 01L 23/66
29/602.1	H 01F 17/0013, H 01F 41/041, H 01F 41/046, H 01F 17/0006, H 01F 17/0033
29/603.01	G 11B 5/3163, B 82Y 10/00, G 11B 5/4813, G 11B 5/486, G 11B 5/53
29/603.02	B 23D 31/003, B 23K 1/018, B 23K 2201/38, G 11B 5/105, G 11B 5/4806
29/603.03	G 11B 25/043, G 11B 5/4813, G 11B 5/4833, G 11B 5/4826, G 11B 33/121
29/603.04	G 11B 5/4826, G 11B 5/486, H 05K 1/056, G 11B 5/4813, G 11B 5/4853
29/603.05	G 11B 5/10, G 11B 5/295, G 11B 5/105, G 11B 5/11, G 11B 5/255
29/603.06	G 11B 5/4826, G 11B 5/4833, G 11B 5/105, G 11B 5/4853, G 11B 5/486
29/603.07	G 11B 5/3163, B 82Y 10/00, G 11B 5/3903, B 82Y 25/00, G 11B 5/3967

29/603.08	G 11B 5/3163, G 11B 5/3903, B 82Y 10/00, B 82Y 25/00, G 11B 2005/3996
29/603.09	G 11B 5/3166, G 11B 5/455, G 11B 5/3163, G 11B 5/3173, G 11B 5/3103
29/603.1	G 11B 5/3166, G 11B 5/1871, G 11B 5/3116, G 11B 5/193, G 11B 5/3169
29/603.11	G 11B 5/3163, G 11B 5/235, B 82Y 10/00, B 82Y 25/00, G 11B 5/105
29/603.12	G 11B 5/3163, G 11B 5/6005, G 11B 5/3116, G 11B 5/1871, G 11B 5/3106
29/603.13	G 11B 5/3163, B 82Y 25/00, B 82Y 10/00, G 11B 5/3116, G 11B 5/3903
29/603.14	G 11B 5/3163, G 11B 5/3116, G 11B 5/3967, B 82Y 25/00, B 82Y 10/00
29/603.15	G 11B 5/3163, G 11B 5/3116, G 11B 5/3967, B 82Y 10/00, B 82Y 25/00
29/603.16	G 11B 5/3163, G 11B 5/3116, G 11B 5/1278, G 11B 5/1871, B 82Y 10/00
29/603.17	G 11B 5/29, B 24B 37/048, G 11B 5/102, G 11B 5/1272, G 11B 5/1335
29/603.18	G 11B 5/3163, G 11B 5/3116, B 82Y 10/00, G 11B 5/1871, G 11B 5/3903
29/603.19	G 11B 5/29, G 11B 5/295, G 11B 5/102, G 11B 5/11, G 11B 5/1272
29/603.2	G 11B 5/29, G 11B 5/1272, G 11B 5/187, G 11B 5/0086, G 11B 5/23
29/603.21	G 11B 5/187, G 11B 5/232, G 11B 5/235, G 11B 5/105, G 11B 5/127
29/603.22	G 11B 5/29, G 11B 5/295, G 11B 5/1272, G 11B 5/10, G 11B 5/255
29/603.23	G 11B 5/3163, G 11B 5/1278, G 11B 5/17, G 11B 5/33, B 29C 35/12
29/603.24	G 11B 5/3163, G 11B 5/313, G 11B 5/17, G 11B 5/3116, B 82Y 10/00
29/603.25	G 11B 5/17, G 11B 5/3163, G 11B 5/313, G 11B

	5/3116, G 11B 5/3967
29/603.26	G 11B 5/17, G 11B 5/10, G 11B 5/11, G 11B 5/1278, G 11B 5/187
29/603.27	B 82Y 25/00, G 01R 33/0005, G 01R 33/09, G 01R 33/093, H 01F 10/3268
29/604	G 11C 5/02, G 11C 11/04, G 11C 5/12, H 01F 10/06, G 11C 5/05
29/605	H 01F 41/04, H 01F 41/10, H 01F 41/0213, H 01F 41/127, H 01F 27/25
29/606	H 01F 27/25, H 01F 17/0033, H 01F 41/024, H 01F 27/2804, H 01F 41/0226
29/607	H 01F 7/0278, F 16D 27/112, F 16D 27/14, G 01R 33/383, F 16D 2027/008
29/608	H 01F 41/0273, H 01F 41/046, C 04B 35/26, C 04B 35/2683, H 01F 1/06
29/609	H 01F 41/0233, H 01F 27/245, H 01F 41/024, H 01F 41/0226, H 01F 41/0213
29/609.1	G 01L 1/10, G 01L 9/0013, G 01L 13/025
29/610.1	H 01C 17/006, H 01C 7/006, H 01C 17/00, H 01C 17/04, H 01L 28/20
29/611	H 05B 2203/017, H 05B 3/48, B 41J 2/1631, H 05B 2203/014, H 05B 3/06
29/612	H 01C 1/1406, H 01C 7/027, G 01K 7/183, G 01K 7/22, H 01C 7/04
29/613	H 01C 1/024, H 01C 17/02, G 01L 1/2287, H 01C 7/001, H 01C 7/04
29/614	H 01B 7/16, H 05B 3/48, H 05B 3/52, H 05B 3/06, H 05B 3/50
29/615	H 05B 3/48, H 05B 3/52, H 05B 3/30, H 01B 7/16, H 05B 3/00
29/616	H 01B 7/16, H 05B 3/48, B 21C 37/04, D 06F 75/24, G 21C 17/001
29/617	H 01B 7/16, D 06F 75/24, H 05B 3/46, H 05B 3/52
29/618	H 01C 17/04, G 01L 1/2287, H 01C 10/301, B 29C

	65/3468, B 29D 23/005
29/619	H 01C 1/14, H 01C 1/148, H 01C 17/006, H 01C 17/02, H 01C 7/001
29/620	H 05K 1/167, H 01C 7/00, H 01C 17/24, H 01B 1/00, H 01C 17/265
29/621	H 01C 1/14, H 01C 1/1406, H 01C 17/28, H 01C 1/142, H 01C 1/144
29/621.1	G 01L 1/2287, G 01L 9/0051, G 01L 9/0055, H 01C 10/10, B 28B 1/002
29/622	H 01H 11/00, H 01H 11/005, H 01H 11/0056, H 01H 13/702, H 01H 13/7006
29/623	H 01H 69/02, H 01H 85/0417, H 01H 85/046, H 01H 85/003, H 01H 69/022
29/623.1	Y 02E 60/12, Y 02E 60/122, H 01M 10/0525, H 01M 10/052, Y 02E 60/126
29/623.2	Y 02E 60/12, H 01M 2/08, Y 02E 60/122, H 01M 6/08, H 01M 10/052
29/623.3	Y 02E 60/12, H 01M 4/04, H 01M 10/0565, Y 02E 60/122, H 01M 4/0404
29/623.4	Y 02E 60/12, Y 02E 60/122, H 01M 6/48, H 01M 10/052, H 01M 6/40
29/623.5	Y 02E 60/12, Y 02E 60/122, H 01M 4/04, H 01M 4/0404, H 01M 10/052
29/825	H 02G 1/1256, H 01R 43/28, A 61N 1/056, H 01L 21/6831, A 61N 1/05
29/826	H 01R 43/12, H 01C 1/12, H 01R 39/24, H 01B 1/00, H 01C 10/12
29/827	H 01L 2924/01079, H 01L 2224/48091, H 01L 2224/48247, H 01L 2924/14, H 01L 2924/01029
29/828	H 01R 2103/00, H 01R 43/00, H 01B 13/2633, H 01R 9/05, H 01R 9/0515
29/829	H 01L 2924/01079, H 05K 13/0486, H 01L 23/49816, H 01L 2924/01078, H 01L 21/4853
29/830	H 01L 2924/01078, H 05K 2201/09536, H 05K 3/4623, H 05K 2201/096, H 01L 2924/01079

29/831	H 05K 2201/0355, H 05K 3/4069, H 05K 3/386, H 05K 2203/063, H 05K 2201/09509
29/832	H 01L 2924/01079, H 01L 2924/01078, H 01L 2224/16, H 01L 2924/14, H 01L 2924/01029
29/833	H 05K 13/0413, H 05K 13/08, H 01L 21/681, H 05K 1/0269, H 05K 13/0452
29/834	H 05K 13/0413, H 05K 13/08, H 05K 3/303, H 01L 2924/01013, H 01L 2924/14
29/835	H 01L 2924/3011, H 01L 2924/01029, H 01L 2924/01079, H 01L 21/4853, H 01L 23/5387
29/836	H 05K 13/0452, H 05K 13/08, H 01L 2924/01079, H 01L 21/563, H 01L 24/27
29/837	H 05K 3/3447, H 05K 3/306, H 05K 3/3468, H 01R 43/205, H 05K 2201/10287
29/838	H 05K 13/0473, H 05K 3/308, H 05K 3/3447, H 05K 2201/10287, H 05K 2201/1059
29/839	H 05K 3/3447, H 01R 9/091, H 05K 3/301, H 05K 3/4092, H 05K 2201/09036
29/840	H 01L 2924/01079, H 01L 2924/14, H 01L 24/81, H 01L 2224/81801, H 01L 2924/01078
29/841	H 05K 3/284, H 01L 2224/48091, H 01L 2924/01079, H 01L 2924/01078, H 01L 2924/14
29/842	G 01R 3/00, H 01L 2924/01078, H 05K 3/4092, H 01L 2924/01079, H 01L 2924/14
29/843	H 01L 2924/01079, H 01L 2924/01013, H 01L 2924/01078, H 01L 2924/01029, H 01L 2924/14
29/844	H 01R 9/091, H 05K 2201/0382, H 05K 3/4046, H 05K 13/0417, H 05K 13/0478
29/845	H 01R 43/205, H 01R 43/20, H 05K 3/308, H 05K 3/306, H 01R 9/091
29/846	H 01L 2924/01079, H 05K 2201/0355, H 01L 2924/01078, H 05K 3/28, H 05K 3/0052
29/847	H 05K 2201/0355, H 05K 3/108, H 05K 3/06, H 05K 2203/175, H 05K 3/4652
29/848	H 05K 2201/09118, H 05K 2203/0108, H 05K

	3/107, H 05K 3/205, H 05K 3/0014
29/849	H 05K 3/041, H 05K 2203/0108, H 05K 3/4084, H 05K 3/005, H 05K 3/045
29/850	H 05K 2201/10287, H 05K 7/06, H 05K 3/103, H 05K 13/06, H 05K 3/222
29/851	H 05K 1/0306, H 05K 1/092, H 05K 3/4611, H 05K 3/4629, H 01L 21/486
29/852	H 05K 3/4069, H 05K 3/429, H 05K 3/4652, H 05K 3/4602, H 05K 2201/09509
29/853	H 05K 3/4084, H 05K 2203/0195, H 05K 3/4092, H 05K 3/429, H 05K 3/4644
29/854	H 01L 2924/01079, H 01L 2924/01029, H 01L 2924/01005, H 01L 2924/01013, H 01L 2924/01074
29/855	H 01L 2924/01079, H 01L 2924/01029, H 01L 21/563, H 01L 2224/73203, H 01L 2924/14
29/856	H 01L 21/565, H 01L 2924/3011, H 01G 13/006, H 01L 23/3107, H 01L 23/4334
29/857	H 01R 43/28, H 01R 43/20, H 01R 43/01, H 01R 2103/00, H 01R 43/052
29/858	H 01R 43/24, H 01R 13/504, H 01R 2103/00, H 01R 12/592, H 01R 13/405
29/859	H 01R 4/723, H 01R 13/53, H 01R 4/72, H 02G 1/16, H 02G 15/18
29/860	H 01R 43/02, H 01R 43/0207, H 01R 4/02, H 01L 2924/01079, H 01R 2103/00
29/861	H 01R 43/01, H 01R 43/28, H 01R 43/052, H 01R 43/015, H 01R 43/048
29/862	H 01R 4/20, H 01R 43/058, H 01R 4/206, H 01R 4/62, H 01R 9/032
29/863	H 01R 43/048, H 01R 43/28, H 01R 43/052, H 01R 43/20, H 01R 43/04
29/864	H 01R 43/0484, B 23P 19/062, B 29C 53/04, B 29C 53/84, B 29K 2069/00
29/865	H 01R 43/058, H 01R 4/184, H 01R 43/048, H 01C

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29/866	H 01R 43/01, H 01R 43/015, H 01R 43/04, H 01R 4/2433, H 01R 4/2454
29/867	H 01R 43/052, H 01R 43/048, H 01R 43/28, H 02G 1/1248, H 01R 43/05
29/868	H 01R 43/28, B 60R 16/0207, H 01B 7/0838, H 01R 43/00, H 01R 43/20
29/869	H 02G 15/117, H 01R 4/70, H 02G 1/14, H 02G 15/013, H 01R 13/523
29/870	H 02G 1/08, H 02G 1/14, H 02G 15/20, H 02G 15/24, H 01B 7/29
29/871	H 02G 15/10, H 01R 43/00, H 02G 1/14, H 01R 4/203, H 01R 4/72
29/872	H 01R 43/0207, H 01B 13/02, B 23K 20/10, H 01R 9/0512, H 01R 43/0228
29/873	H 01R 43/058, B 23K 3/087, H 01F 27/02, H 01F 41/00, H 01G 9/012
29/874	H 01R 43/16, G 01R 3/00, H 01R 12/585, B 21D 53/36, G 01R 1/06738
29/875	C 22C 32/0021, H 01H 1/0233, H 01H 11/048, C 22C 49/00, H 01H 1/0203
29/876	H 01R 43/16, H 01R 43/20, A 61N 1/056, G 01R 1/06711, G 06F 1/18
29/877	H 01R 43/16, H 01H 11/041, H 01H 11/04, A 61N 1/044, B 21K 1/62
29/878	H 01R 4/22, H 01R 43/20, H 01J 5/32, H 01R 43/16, H 01B 17/305
29/879	H 01H 11/041, H 01H 11/043, H 01R 43/16, H 01H 11/04, H 01H 1/0231
29/880	H 01H 1/021, H 01H 11/041, B 22F 3/26, H 01H 1/02, H 01H 1/0206
29/881	H 01R 43/20, H 01R 43/16, H 01R 9/09, H 01R 12/58, A 61B 5/04085
29/882	H 01R 43/16, H 01H 11/042, H 01H 11/041, H 01H 11/04, H 01R 43/20

29/883	H 01R 43/24, B 29C 45/14639, H 01R 43/16, H 01R 43/18, H 01R 23/025
29/884	H 01R 43/20, H 01R 43/16, H 01R 23/025, H 01R 43/205, H 05K 2201/0367
29/885	H 01R 43/16, H 01R 13/03, H 05K 3/4092, G 01R 1/0466, G 01R 3/00
29/886	H 01G 7/023, H 04R 19/016, H 04R 31/006, B 01D 39/083, B 01D 39/1607
29/887	B 21D 53/00, H 01B 19/00, B 21K 21/10, B 29L 2031/3412, H 01B 17/32
29/888	B 23K 9/0026, F 01K 25/005, F 16J 10/02, A 61M 5/142, A 61M 5/14228
29/888.01	B 23P 19/042, B 23P 19/043, B 25B 27/0035, F 01L 1/024, F 01L 1/46
29/888.011	B 23P 6/02, B 23P 6/00, F 02B 3/06, F 01L 1/46, F 02B 69/00
29/888.012	F 02B 53/00, F 02B 2053/005, B 23P 15/00, F 01C 21/106, F 02B 55/08
29/888.02	B 23P 15/00, F 04B 39/14, F 04B 39/12, F 04B 27/0878, F 04B 27/0886
29/888.021	B 23P 6/007, F 01D 5/005, F 05B 2230/80, B 23P 6/04, F 01D 11/02
29/888.022	F 04C 23/008, F 04C 2230/60, F 04C 18/0246, F 04C 18/0215, F 04C 2230/603
29/888.023	F 04C 2/1075, F 04C 2/18, B 23F 15/08, E 21B 4/02, F 01C 1/084
29/888.024	F 04D 29/628, B 05D 7/14, B 21C 37/15, B 21D 51/00, B 23C 3/18
29/888.025	B 23P 15/00, F 01C 21/08, F 04C 23/001, F 25B 31/026, F 01C 21/0809
29/888.03	F 01L 1/143, B 21K 1/20, B 21K 1/76, B 21K 3/00, C 23C 24/106
29/888.04	B 23P 15/10, B 21K 1/18, F 05C 2201/021, F 02F 3/22, F 02F 2200/04
29/888.041	B 23P 6/02, B 23P 15/10, B 23P 15/105, B 23P

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29/888.042	B 23P 15/10, F 05C 2201/021, F 05C 2201/0448, F 02F 3/003, F 02F 2200/04
29/888.043	B 23K 35/286, F 16J 9/22, B 23P 15/10, F 05C 2201/021, B 21K 1/18
29/888.044	B 23P 15/10, B 21K 1/18, B 25B 27/12, F 04B 27/0878, F 05C 2201/0448
29/888.045	F 05C 2201/021, B 23P 15/10, F 02F 3/22, F 05C 2201/0448, F 02F 3/003
29/888.046	F 05C 2253/16, B 22D 19/0027, B 29C 70/86, B 29L 2031/7494, F 02F 3/22
29/888.047	F 05C 2201/021, B 22D 19/0027, F 05C 2201/0448, B 23P 15/10, F 02F 2003/0061
29/888.048	B 23P 15/10, B 23K 35/002, F 02F 3/10, F 05C 2253/12, B 05B 3/10
29/888.049	B 23P 15/10, F 02F 3/00, F 05C 2201/021, F 05C 2201/0448, F 16J 9/00
29/888.05	B 23P 15/10, F 16J 1/16, F 02F 2200/06, F 16J 1/18, B 21C 23/20
29/888.051	B 23P 15/10, B 23P 15/00, B 23P 2700/11, F 04B 1/124, F 04B 39/0005
29/888.06	F 02F 1/24, F 02F 1/22, B 23P 15/00, F 02B 2075/025, F 02F 1/38
29/888.061	B 22D 19/0009, F 02B 2075/025, F 02F 1/004, F 02F 1/16, F 05C 2201/021
29/888.07	B 23P 15/06, B 23P 15/08, C 21D 9/40, F 16J 9/063, F 16J 9/12
29/888.071	B 23P 15/06, B 23P 9/04, B 23P 9/02, B 23P 9/00
29/888.072	B 23P 15/06, B 23P 15/08, B 22D 15/02, B 21D 53/84, B 23P 9/02
29/888.073	B 23P 15/06, B 23P 15/065, B 21D 53/16, B 21D 13/02, B 23P 9/02
29/888.074	B 23P 15/08, B 23P 15/06, F 16J 9/26, C 23C 8/80, F 01C 19/12

29/888.075	B 23P 15/06, B 23P 15/08, B 21F 37/00, B 21K 1/761, B 23B 5/14
29/888.076	B 23P 15/06, B 23P 15/065, B 23P 15/08, F 16J 9/206, B 23C 3/22
29/888.08	B 21K 1/08, F 16C 3/10, B 23P 2700/07, B 23P 15/00, B 23C 3/06
29/888.09	F 16C 9/045, B 23D 31/003, F 16C 7/023, B 23P 2700/04, F 16C 9/04
29/888.091	B 23P 2700/04, B 23P 15/00, F 16C 7/023, B 21D 53/84, B 23K 20/129
29/888.092	B 21K 1/766, B 21J 5/02, F 16C 9/045, B 21D 53/84, B 23D 31/003
29/888.1	F 01L 1/047, F 16H 53/025, B 23P 2700/02, B 21D 53/845, B 23P 11/005
29/888.2	B 21K 1/205, F 01L 1/185, F 01L 2103/00, B 23P 15/00, F 01L 1/18
29/888.3	F 16J 15/0825, F 16J 2015/085, F 16J 15/0818, F 16J 15/3288, F 16J 2015/0862
29/888.4	F 02D 9/107, B 29L 2031/7506, F 02M 61/168, B 29C 45/14754, F 02D 9/108
29/888.41	F 01L 3/08, B 23P 6/00, F 02M 61/168, B 23P 15/00, B 23P 19/084
29/888.42	B 25B 27/24, B 23C 3/05, B 23P 6/00, B 23P 15/10, F 01L 3/08
29/888.43	F 01L 1/143, F 01L 2103/00, F 01L 1/14, B 23P 15/002, B 21K 25/00
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29/888.45	F 01L 3/02, B 21K 1/22, F 01L 3/14, B 23P 15/002, B 23P 13/00
29/888.451	B 21K 1/22, F 01L 3/02, F 01L 3/14, B 23P 15/002, B 21J 5/08
29/888.452	B 21K 1/22, F 01L 3/14, F 01L 3/02, B 23P 15/002, F 01L 3/12
29/888.453	B 23P 15/002, F 01L 3/02, B 21K 1/22, B 23K

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29/888.46	F 01L 3/02, F 02M 61/168, B 21K 1/20, B 21K 1/22, F 02M 51/0682
29/889	B 21C 37/26, B 23P 15/006, F 04C 2/084, B 23P 15/00, F 04C 2/16
29/889.1	F 01D 5/005, B 23P 6/002, B 23P 6/007, B 23P 6/005, F 05B 2230/80
29/889.2	B 23P 15/006, F 01D 25/285, F 01D 5/063, F 01D 5/025, Y 02T 50/671
29/889.21	B 23P 15/006, F 01D 5/3061, F 01D 5/34, B 23K 2201/001, F 01D 5/282
29/889.22	B 23P 15/006, F 01D 9/042, F 01D 9/044, B 23P 15/04, F 01D 9/041
29/889.23	B 23P 15/006, B 23C 3/18, F 01D 5/34, B 21K 1/36, F 01D 5/027
29/889.3	B 21D 53/78, B 23P 15/006, F 02C 7/20, F 04D 29/326, F 04D 29/646
29/889.4	F 04D 29/283, B 21D 53/267, B 21D 53/78, B 23P 15/006, B 29L 2031/08
29/889.5	F 16H 41/28, B 23P 15/006, F 16H 2041/246, B 23P 15/00, F 16D 33/20
29/889.6	B 21D 53/78, B 64C 27/473, B 64C 2027/4736, B 29D 99/0028, B 21K 3/04
29/889.61	B 21D 53/78, B 21K 3/04, B 21C 23/085, B 23P 15/04, B 21K 3/00
29/889.7	B 23P 15/04, B 23P 15/02, B 21K 3/04, B 21D 53/78, F 01D 5/147
29/889.71	B 23P 15/04, F 01D 5/282, Y 02T 50/672, F 01D 5/147, B 23K 20/023
29/889.72	B 23P 15/04, B 21D 26/055, B 21D 53/78, F 01D 5/147, B 23P 15/02
29/889.721	B 23P 15/02, B 23P 15/04, F 01D 5/187, B 21C 23/16, F 01D 5/18
29/889.722	B 23P 15/04, F 01D 5/185, F 01D 5/189, B 23P 15/02, B 21D 26/055

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29/890.02	B 21K 21/08, F 23D 14/52, F 23D 14/105, F 23D 14/54, B 21J 5/12
29/890.03	B 23P 15/26, H 01L 21/4882, H 01L 23/3672, B 23P 2700/10, B 21D 53/02
29/890.031	F 28F 11/02, B 23P 6/00, B 23P 19/022, F 28F 11/00, B 23P 19/025
29/890.032	H 01L 23/427, B 23P 15/26, F 28D 15/0283, F 28D 15/046, F 28D 15/0233
29/890.033	Y 02E 10/44, B 23P 15/26, F 24J 2/26, B 21D 53/04, F 24J 2/265
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29/890.035	B 21D 53/04, B 23P 15/26, B 21D 53/02, B 21D 53/08, F 25B 41/067
29/890.036	B 21D 53/06, B 21D 53/08, F 28D 7/106, B 23K 1/0012, F 28F 1/105
29/890.037	B 21D 53/027, F 28D 7/024, B 21C 37/26, B 21D 11/06, B 21D 53/06
29/890.038	B 21D 53/08, B 23P 15/26, F 28F 1/22, B 21D 53/045, Y 02E 10/44
29/890.039	B 21D 53/04, B 23P 15/26, F 28F 3/025, F 28D 9/0037, F 28D 9/0043
29/890.04	B 21D 53/085, F 28F 1/32, B 21C 37/24, B 21D 53/08, B 23P 15/26
29/890.041	B 21D 53/045, B 21D 47/00, B 23K 35/224, H 01L 21/4882, B 21C 37/14
29/890.042	B 21D 53/045, F 28F 3/14, B 21D 53/04, F 25B 2339/043, B 21C 37/14
29/890.043	B 23P 15/26, B 23K 1/0012, F 28F 9/18, B 21D 53/06, B 21D 53/085
29/890.044	B 21D 39/06, B 21D 53/085, B 21D 39/203, F 28F

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29/890.045	B 23P 15/26, B 21D 53/02, B 21C 37/0803, F 28F 13/187, B 21C 37/09
29/890.046	B 21C 37/24, B 21D 53/085, B 23P 15/26, B 21D 53/08, B 21C 37/26
29/890.047	B 21D 53/085, F 28F 1/32, B 21C 37/24, B 21D 53/08, B 23P 15/26
29/890.048	B 21C 37/26, F 28F 1/36, B 21C 37/207, F 28F 1/42, F 28F 1/422
29/890.049	F 28D 1/0391, B 21C 37/207, F 28F 3/025, B 21C 37/225, B 21D 53/04
29/890.05	B 21C 37/207, B 21C 37/20, B 21D 53/04, F 28F 1/16, F 28F 1/42
29/890.051	F 22B 9/12, B 21D 51/24, B 23P 15/26, B 21D 19/08, B 21D 39/06
29/890.052	F 28F 9/0243, F 28F 9/0212, B 23P 15/26, F 28F 9/02, F 28F 9/0214
29/890.053	F 28D 1/0391, B 21C 37/151, F 28F 1/022, B 23P 15/26, B 21C 37/158
29/890.054	B 23K 1/0012, B 21D 53/02, B 23K 2201/14, B 23P 15/26, H 01L 21/4882
29/890.06	F 15B 2201/205, F 15B 2201/4155, F 15B 2201/3156, F 15B 2201/3151, F 15B 2201/411
29/890.07	B 21D 53/04, B 23P 15/26, F 25B 39/02, F 28B 1/02, B 21D 53/08
29/890.08	F 01N 13/18, F 01N 2450/20, F 01N 2470/02, B 21D 53/88, F 01N 1/24
29/890.09	F 15C 5/00, B 21D 51/16, F 15C 1/06, F 16K 47/08, A 61M 5/141
29/890.1	B 41J 2/1623, B 41J 2/1631, B 41J 2/1632, B 41J 2/1628, B 41J 2/1603
29/890.11	F 16L 41/04, F 16L 41/06, F 16L 37/008, F 16L 55/105, A 01K 39/02
29/890.12	B 21K 1/20, B 21J 5/12, A 61F 2/2412, A 61F 2/2415, A 61F 2/2418

29/890.121	B 23P 6/00, B 23C 3/05, B 23P 15/001, B 25B 27/00, F 16K 1/46
29/890.122	B 23P 15/001, B 21K 1/24, F 02M 61/168, F 02M 61/18, F 02M 61/1853
29/890.123	B 21D 51/10, B 60C 29/00, B 21D 19/16, B 21D 53/00, B 21K 1/20
29/890.124	F 02M 61/168, B 23P 19/04, B 23P 19/10, B 23P 19/12, B 23P 15/001
29/890.125	B 21D 53/00, B 23P 15/001, F 16K 27/105, B 21K 1/24, F 16K 27/044
29/890.126	B 23P 15/001, B 29C 66/1122, B 29C 66/5221, A 61J 2200/10, A 61M 5/14
29/890.127	B 29C 45/14, B 29L 2031/7506, B 23P 15/001, B 29C 45/14754, F 16K 1/38
29/890.128	B 23P 15/001, F 02M 61/168, F 16K 27/041, B 21K 1/24, F 16K 27/044
29/890.129	B 23P 15/001, F 16K 27/105, F 16K 27/102, B 23K 20/129, B 21C 37/29
29/890.13	B 23P 15/001, F 02M 61/168, B 21K 25/00, B 23P 11/00, B 23P 11/005
29/890.131	F 02M 61/168, F 02M 51/0682, F 16K 27/107, B 23K 5/006, B 23K 26/0823
29/890.132	B 21K 1/24, B 21K 1/20, B 23P 15/001, B 21D 53/00, B 23P 13/00
29/890.14	B 21D 39/04, B 23P 15/00, B 21D 53/00, F 24F 13/15, B 21C 37/26
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29/890.142	B 21K 21/08, F 02M 61/168, B 23P 15/16, B 23P 15/00, F 02M 61/1853
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29/890.144	F 16L 33/207, F 16L 33/2076, B 21D 39/046, F 16L 25/0036, F 16L 33/2071
29/890.145	B 21C 37/28

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29/890.147	B 21C 37/283, B 21C 37/29, B 21C 37/28, B 21D 7/022, B 21D 7/06
29/890.148	B 21C 37/29, B 21C 37/294, B 21C 37/292, B 21C 37/296, F 16L 41/021
29/890.149	B 21C 37/28, B 21C 37/286, B 21C 37/283, F 16L 43/001, B 21D 7/00
29/890.15	B 29C 57/005, B 21D 39/04, B 29C 63/346, F 16L 23/125, B 21C 37/15
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29/891.2	B 21J 19/00, B 21K 19/00, A 01D 34/13, A 01D 34/18, A 01D 34/20
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29/892.1	B 21D 53/261, F 16H 55/44, B 65G 39/073, B 27B 17/02, B 27B 17/10
29/892.11	B 21D 53/261, F 16H 55/44, B 21H 1/04, B 23P 15/00, B 65G 39/02
29/892.2	B 21H 1/04, B 21K 1/42, B 21D 22/04, B 21D 53/10, B 21D 53/16
29/892.3	B 21D 53/261, B 21H 1/04, B 21K 1/42, F 16H 55/44, B 21D 15/10
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29/893.2	F 16H 48/08, B 21K 25/00, B 23F 17/00, F 16H 57/0025, F 16H 2048/382
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29/894.012	B 23P 19/021, B 21K 1/32, B 23P 6/00
29/894.1	B 62D 1/06, B 21D 53/268, B 62D 1/04, B 29L 2031/3047, B 27H 7/00
29/894.2	B 65H 75/14, B 23K 5/006, B 29C 33/005, B 29C 33/126, B 29C 45/14
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29/894.32	B 21D 53/26, B 21H 1/02, B 23B 5/02, B 29C 45/14, B 29C 70/74
29/894.321	B 60B 27/00, B 21K 1/40, B 29C 70/30, B 29C 70/56, B 29D 99/0032
29/894.322	B 21D 53/26, B 60B 3/02, B 60B 25/004, B 60B 3/06, B 21D 53/30

29/894.323	B 21D 53/26, B 60B 3/02, B 60B 25/004, B 60B 3/002, B 60B 3/04
29/894.324	B 21D 53/264, B 21K 1/28, B 60B 3/02, B 21H 1/10, B 21D 53/26
29/894.325	B 21D 53/26, B 21D 53/265, B 21K 1/32, B 60B 3/002, B 21D 22/16
29/894.33	B 60B 31/02, B 21D 53/268, B 23Q 7/106, B 60B 1/045, B 60B 27/023
29/894.331	B 21D 53/268, B 60B 31/005, B 60B 31/02, B 25B 27/0071, B 60B 1/00
29/894.332	B 60B 31/02, B 21D 53/268, B 60B 1/00, B 60B 1/10, B 21D 53/26
29/894.333	B 60B 1/00, B 60B 31/02, B 21D 53/268, B 21D 28/30, B 21D 53/26
29/894.34	B 21D 53/268, B 22D 19/00, B 23P 23/00, B 23Q 1/5462, B 23Q 1/66
29/894.341	B 21D 53/268, B 21D 53/26, B 60B 3/18
29/894.342	B 21D 53/268, B 21D 53/26, B 60B 1/044, B 21D 53/16, B 60B 1/0215
29/894.343	B 21D 53/268, B 23P 11/02, B 23Q 7/106, B 60B 1/08, B 60B 31/005
29/894.344	B 21D 53/26, B 21D 53/268, B 60B 1/00, B 21D 53/261, B 21D 53/265
29/894.345	B 21D 53/268, B 21D 53/00, B 21D 53/26, B 21F 5/00, B 21F 9/005
29/894.35	B 21D 53/30, B 60B 21/025, B 60B 21/04, B 60B 21/062, B 21H 1/10
29/894.351	B 21D 53/30, B 21C 37/298, B 21D 53/26, B 21D 53/32, B 21J 5/066
29/894.352	B 60B 23/04, B 21D 53/30, B 21K 23/00, B 60B 23/00, B 60B 23/10
29/894.353	B 21D 53/30, B 21K 1/38, B 60B 3/002, B 60B 23/10, B 21D 53/26
29/894.354	B 21D 53/30, B 21D 53/26, B 21H 1/10, B 21D 22/16, B 21D 53/265

29/894.36	B 25B 27/023, B 23P 6/00, B 23P 6/04, B 25B 27/02, B 60B 1/00
29/894.361	B 21D 53/265, B 21D 53/30, B 60B 27/00, B 60B 27/023, B 23B 5/02
29/894.362	B 21K 1/40, B 60B 27/00, B 21D 53/265, B 60B 27/0084, F 16C 35/063
29/894.37	B 29D 30/02, B 23P 15/24, B 29C 33/3835, B 29C 33/3842, B 29D 30/04
29/894.38	B 21D 53/32, B 60B 7/02, B 21D 53/16, B 21D 53/26, B 60B 7/10
29/894.381	B 21D 53/32, B 60B 7/02, B 60B 7/01, B 60B 7/08, B 60B 7/06
29/895	F 16C 13/00, B 05C 17/0207, B 21B 1/22, B 21B 1/28, B 21B 1/36
29/895.1	G 03G 15/0894, G 03G 2215/00987, B 21B 13/103, B 21B 27/035, B 21B 28/02
29/895.2	B 21B 27/035, D 21F 3/08, F 16C 13/00, A 01D 34/62, A 01D 2101/00
29/895.21	F 16C 13/00, B 29L 2031/324, B 21B 27/035, B 21B 27/03, B 29D 99/0035
29/895.211	B 05C 17/0207, B 29L 2031/328, B 29C 63/105, D 21F 3/08, F 16C 13/00
29/895.212	B 21B 27/03, B 23P 11/025, B 21B 27/035, B 22D 11/0651, B 23P 11/00
29/895.213	F 16C 13/00, B 29D 99/0035, B 29L 2031/324, B 41C 1/18, D 21G 1/024
29/895.22	B 21D 19/12, B 21D 39/04, B 21D 39/06, B 21D 53/26, B 23P 11/00
29/895.23	A 43D 25/181, B 07B 1/48, B 41F 31/26, B 41N 7/00, D 06F 83/00
29/895.3	A 01F 2015/186, B 21B 27/00, B 23P 15/00, B 29C 41/042, B 29C 41/22
29/895.31	B 65H 27/00, B 21D 13/04, B 21D 13/10, B 21D 22/26, B 21D 35/00
29/895.32	B 29L 2031/324, F 16C 13/00, D 21F 3/08, B 21B

	27/00, D 21G 1/0246
29/895.33	B 23P 15/00, C 21D 9/38, F 16H 1/32, B 21B 21/02, B 21B 27/00
29/896.1	A 61C 5/023, A 61C 13/0003, B 23P 15/32, C 23F 1/04, A 61C 5/10
29/896.11	A 61C 7/12, A 61C 5/023, A 61C 7/14, A 61C 7/146, A 61C 7/20
29/896.2	B 21D 51/08, B 21C 37/185, B 21D 28/10, B 21D 35/00, B 21D 39/03
29/896.21	H 04R 25/652, H 04R 25/658, H 04R 25/654, H 04R 2225/77, B 23Q 33/00
29/896.22	G 10D 7/026, B 21D 15/02, B 21D 22/00, B 21D 41/04, B 21D 51/10
29/896.23	B 21D 53/16, H 04R 31/003, B 21D 53/00, B 21D 53/26, H 04R 1/30
29/896.24	G 11B 3/48, A 44C 17/04, B 21G 1/003, B 21G 3/00, B 23B 7/04
29/896.3	G 04B 29/027, G 04D 3/0053, B 21F 43/00, G 04B 1/145, G 04B 17/066
29/896.31	G 04B 17/222, G 04B 13/02, G 04B 17/063, G 04B 15/14, G 04B 17/32
29/896.32	G 04D 3/0048, G 04B 19/103, G 04B 19/10, G 04D 3/0051, B 21D 53/00
29/896.33	G 04B 37/22, G 04D 3/0064, B 21D 53/44, G 04B 37/11, B 21D 49/00
29/896.34	G 04B 37/1446, G 04B 3/041, G 04D 3/00, G 04B 37/0008
29/896.4	A 44C 27/00, A 44C 17/02, A 44C 9/00, B 21D 53/44, A 44C 9/02
29/896.41	A 44C 27/00, A 44C 15/00, A 44C 17/04, B 21D 53/44, A 44C 11/002
29/896.411	A 44C 15/0025, A 44C 27/00, A 44C 5/0092, A 44C 27/006, B 21L 11/005
29/896.412	B 21D 53/44, A 44C 9/00, A 44C 27/00, A 44C 17/02, A 44C 17/04

29/896.42	A 44C 27/00, A 44C 5/2047, B 21D 53/44, B 21F 45/00, A 41D 25/022
29/896.43	A 44C 11/00, A 44C 17/02, A 44C 27/00, B 21C 3/04, B 21C 37/045
29/896.5	B 21K 23/00, E 05B 1/0007, H 01H 3/12, B 21D 53/48, B 21J 5/12
29/896.6	B 21D 31/02, A 61F 2240/001, A 61F 2/91, A 61F 2250/0067, B 21D 47/00
29/896.61	B 01D 29/111, B 01D 29/48, B 01D 2201/02, B 07B 1/4618, B 21C 37/30
29/896.62	B 01D 29/111, B 01D 39/12, D 21D 5/16, E 21B 43/084, B 01D 39/10
29/896.7	F 16G 11/12, B 21D 53/00, F 16B 7/06, B 21K 1/70, B 21C 23/14
29/896.8	B 21F 35/00, F 16F 1/26, B 60G 11/12, A 44C 5/2047, B 21F 45/16
29/896.9	B 21F 35/00, G 11B 5/4833, F 16F 1/045, B 21F 3/04, G 11B 7/0932
29/896.91	B 21D 53/886, B 21D 53/20, B 21F 35/00, B 60G 5/053, F 16D 13/08
29/896.92	B 21F 33/04, B 68G 9/00, A 47C 27/065, B 21F 3/12, B 21F 35/003
29/896.93	B 23P 11/005, B 23P 2700/14, F 16F 2226/00, A 61C 2201/007, B 21F 3/04
29/897	B 21D 53/00, A 47C 7/004, B 21D 53/36, B 32B 17/10018, C 03C 17/002
29/897.1	E 01D 22/00, E 04C 2003/0434, E 04C 2003/0452, E 04C 2003/0413, B 62D 29/002
29/897.15	B 21D 47/00, B 21D 47/005, B 21F 27/12, F 25D 25/02, E 04C 2/423
29/897.2	B 21D 53/88, B 62D 65/00, B 62D 21/02, B 21D 26/033, B 64F 5/0009
29/897.3	B 21D 53/00, B 21B 1/082, B 21C 37/16, B 21D 47/04, B 21D 53/74
29/897.31	B 27F 7/155, B 21D 47/04, E 04C 2003/0491, E

	04C 2003/0434, E 04C 3/08
29/897.312	B 21D 53/74, E 06B 3/267, E 06B 3/66314, B 21C 37/104, E 04B 2/7453
29/897.32	B 21D 47/00, B 29C 47/0066, E 06B 3/7001, B 26D 1/553, B 26D 3/008
29/897.33	E 04H 12/08, B 21C 37/18, E 04C 3/32, B 21C 37/0815, B 21C 37/154
29/897.34	E 04C 5/08, E 04G 21/122, B 05D 1/06, B 05D 3/0245, B 05D 7/20
29/897.35	E 04C 2003/0413, E 04C 2003/0434, E 04C 2003/0452, B 21D 47/01, E 04C 2003/043
29/898	F 16C 33/14, B 21F 45/00, B 23P 15/003, F 16C 9/00, F 16C 17/02
29/898.01	B 23P 6/00, B 25B 21/002, B 25B 27/026, B 25B 27/06, B 62D 55/32
29/898.02	F 16C 33/107, F 16C 33/14, F 16C 33/103, F 16C 17/026, F 16C 17/02
29/898.03	F 16C 33/64, F 16C 29/005, F 16C 29/02, F 16C 29/0602, F 16C 29/04
29/898.04	B 25B 27/28, B 29K 2021/00, B 29L 2031/04, B 23P 11/025, B 29C 43/027
29/898.041	F 16C 19/30, F 16C 17/04, F 16C 33/64, B 21D 53/10, E 21B 4/003
29/898.042	F 16C 33/14, F 16C 11/12, B 22F 2998/00, B 22F 2998/10, F 16C 33/103
29/898.043	B 23P 15/003, F 16C 11/0614, F 16C 23/045, B 23P 2700/11, F 16C 11/0604
29/898.044	F 16C 11/0614, F 16C 23/045, B 23P 15/003, B 23P 2700/11, B 21K 25/00
29/898.045	F 16C 23/045, F 16C 11/0614, B 21K 1/04, F 16C 33/14, F 16C 35/02
29/898.046	F 16C 23/045, F 16C 11/0614, F 16C 33/201, B 21D 53/10, B 21K 1/06
29/898.047	F 16C 23/045, F 16C 33/201, F 16C 11/0614, B 23P 15/003, B 21K 1/04

29/898.048	F 16C 11/0633, B 21D 53/10, A 61F 2/30767, A 61F 2/3094, A 61F 2/30942
29/898.049	F 16C 11/0614, F 16C 11/0633, B 29C 45/14754, B 22D 19/12, F 16C 11/0671
29/898.05	F 16C 33/201, F 16C 23/045, B 29C 53/586, B 29C 70/30, B 29C 2793/009
29/898.051	B 23P 15/003, B 23P 2700/11, F 16C 11/0614, B 62D 7/16, B 23P 11/005
29/898.052	B 21K 1/44, F 16C 11/0614, F 16C 11/0604, B 21C 23/03, B 21D 41/04
29/898.053	B 23P 15/00, B 23P 2700/11, F 16C 11/0604, B 23K 11/04, B 23K 20/129
29/898.054	F 16C 33/14, B 21K 1/04, B 21D 53/10, F 16C 17/10, F 16C 33/24
29/898.055	B 25B 27/28, F 16C 33/201, B 29L 2031/04, B 29L 2031/045, F 16C 33/22
29/898.056	B 21D 53/10, F 16C 33/14, B 21K 1/04, B 21H 1/12, B 21K 1/06
29/898.057	B 21K 1/04, F 16C 33/14, B 21D 53/10, B 21K 1/06, B 21K 21/12
29/898.058	F 16C 33/14, B 21K 1/04, B 21D 53/10, F 16C 33/12, B 21K 25/00
29/898.059	F 16C 33/14, B 22D 19/085, B 21D 53/10, B 21K 1/04, F 16C 33/201
29/898.06	F 16C 19/386, B 02C 18/16, B 21C 37/30, B 21D 53/10, B 21D 53/16
29/898.061	F 16C 43/04, F 16C 43/06, B 60B 27/0005, F 16C 19/186, B 60B 27/0084
29/898.062	F 16C 43/04, F 16C 43/06, F 16C 2240/84, F 16C 19/186, F 16C 43/08
29/898.063	F 16C 33/64, F 16C 33/60, F 16C 43/04, F 16C 2240/84, F 16C 43/08
29/898.064	F 16C 43/08, F 16C 19/08, F 16C 19/26, F 16C 43/083, F 16C 33/41
29/898.065	F 16C 33/543, F 16C 19/26, F 16C 29/04, F 16C

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29/898.066	F 16C 33/64, B 21K 1/04, B 21H 1/12, B 21D 53/10, B 23P 15/003
29/898.067	B 21D 53/12, F 16C 33/543, F 16C 33/42, F 16C 33/427, F 16C 19/26
29/898.068	B 21K 1/02, F 16C 33/34, B 21J 5/02, B 21J 9/022, B 21J 13/03
29/898.069	B 21K 1/02, F 16C 33/32, B 23P 15/003, B 21K 1/56, B 65G 49/063
29/898.07	F 16C 35/067, F 16C 35/077, B 25B 27/06, F 16C 19/54, B 21K 25/00
29/898.08	B 25B 27/062, B 25B 27/06, F 16C 35/062, B 25B 27/023, F 16C 35/06
29/898.09	F 16C 25/06, F 16C 19/548, F 16C 35/061, F 16C 19/54, F 16C 43/04
29/898.1	F 16C 33/6696, F 16C 33/103, F 16N 7/12, F 16C 19/26, F 16C 19/46
29/898.11	B 21D 53/10, F 16C 33/78, F 16C 33/7853, F 16J 15/3268, B 21D 31/00
29/898.12	F 16C 33/14, F 16C 33/12, B 22D 19/00, B 22D 19/085, F 16C 33/24
29/898.13	F 16C 33/30, F 16C 33/64, C 21D 7/04, F 16C 33/14, B 21H 1/12
29/898.14	F 16C 33/14, F 16C 33/12, B 21C 1/24, B 22D 19/085, B 22D 21/007
29/898.15	B 29C 70/78, B 29L 2031/04, B 32B 1/08, B 32B 15/08, B 32B 15/20
29/899	B 21K 1/02, B 21H 1/14, A 63B 39/08, A 63B 2037/125, B 22F 1/0048
29/899.1	B 21K 1/02, B 21D 51/08, F 16C 33/32, B 23P 15/00, B 21D 53/10
29/401.1	B 60P 3/42, B 62D 65/00, F 16D 65/126, F 16D 2055/0058, B 62D 33/0612
29/402.01	B 23P 6/00, B 23P 6/04, B 23P 2700/01, B 25B 27/22, B 60T 17/221

29/402.02	B 25B 27/0028, F 16J 15/14, F 16J 15/3288, B 22D 19/10, B 23P 6/00
29/402.03	B 25B 27/14, A 63C 17/06, A 63C 17/226, B 02C 13/095, B 05C 5/0254
29/402.04	B 23P 6/00, B 61G 9/20, B 61K 13/00, B 08B 9/00, B 23P 6/02
29/402.05	A 01D 34/828, A 01D 2101/00, B 02C 13/28, B 02C 13/282, B 02C 13/286
29/402.06	B 23P 6/00, B 23C 1/20, F 16D 13/52, F 16D 13/62, F 16D 13/683
29/402.07	B 21D 51/26, B 23P 6/00, B 23P 19/046, B 01D 41/04, B 01D 46/0001
29/402.08	B 23P 6/00, H 05K 3/225, B 25B 27/00, H 05K 3/0052, H 05K 2201/10598
29/402.09	B 23P 6/00, F 16L 55/179, B 21D 28/12, B 21D 37/12, B 23D 37/10
29/402.11	B 23P 6/04, B 23P 6/00, B 23P 6/005, B 64F 5/0081, F 01D 5/005
29/402.12	B 23P 6/04, B 23P 6/00, B 01J 19/0073, B 01J 19/02, B 01J 2219/0209
29/402.13	B 23P 6/00, B 23P 6/04, B 23P 6/005, B 01J 19/0073, B 01J 19/02
29/402.14	B 22D 7/066, B 23P 6/04, B 23G 9/00, B 23P 6/00, B 23P 19/041
29/402.15	B 23P 6/04, B 04B 3/00, B 04B 7/12, B 04B 7/18, B 22D 7/066
29/402.16	B 23P 6/00, B 23P 6/04, B 22D 7/066, B 22D 19/04, B 23K 1/20
29/402.17	B 23P 6/04, B 23G 5/06, B 23P 6/00, B 65H 75/14, B 65H 2701/31
29/402.18	B 23P 6/00, B 23P 6/04, B 22D 19/10, B 21D 1/06, E 01B 31/18
29/402.19	B 23P 6/00, B 21D 3/14, B 21D 39/02, A 44B 19/00, B 21B 28/00
29/402.21	A 43D 8/00, B 21C 1/22, B 21C 1/28, B 21D

	26/043, B 21D 26/045
29/403.1	B 09B 5/00, B 03B 9/061, B 29B 17/02, B 09B 3/0058, B 29B 17/0042
29/403.2	B 22F 8/00, B 22F 3/20, C 22B 1/248, B 21C 23/01, B 21C 23/002
29/403.3	B 09B 5/00, B 29B 17/02, B 29K 2705/00, B 03B 9/061, B 09B 3/0058
29/403.4	B 09B 5/00, B 29B 17/02, B 29B 2017/0255, C 22B 7/001, H 01B 15/003
29/404	B 21D 51/24, A 61F 2/30767, A 61F 2/3094, A 61F 2/32, A 61F 2/3676
29/405	F 16L 59/21, A 61F 2/95, A 61F 2002/9522, A 61F 2210/0014, A 61F 2250/0042
29/406	G 02B 7/02, B 05B 1/00, B 21D 53/00, B 22C 21/14, B 23B 5/00
29/407.01	B 23P 19/04, B 29C 65/08, B 29C 66/90, B 29C 66/92, B 62D 65/18
29/407.02	B 25B 23/14, B 23P 19/066, B 25B 23/147, B 23P 19/06, G 05D 17/02
29/407.03	B 25B 23/14, B 23P 19/066, G 05D 17/02, B 25B 23/147, E 21B 19/166
29/407.04	B 25J 9/1697, B 23P 19/10, A 01B 69/008, B 25J 9/1692, G 05B 19/401
29/407.05	B 21J 15/28, B 23Q 17/20, F 16H 48/08, F 16H 2057/0221, B 21J 15/025
29/407.06	F 16J 9/12, G 01F 23/2885, G 01N 23/18, G 01N 33/20, G 21F 5/015
29/407.07	F 16C 3/02, A 63B 59/0074, A 63B 2053/005, A 63B 2059/0003, F 16F 15/14
29/407.08	B 21J 15/285, B 23P 19/105, A 61B 17/06004, A 61F 2/958, A 61F 2002/9522
29/407.09	B 62D 65/06, E 21B 19/16, E 21B 19/165, E 21B 19/20, E 21B 19/24
29/407.1	B 23P 19/04, B 23P 19/10, B 21J 15/142, B 21J 15/28, B 23P 2700/50

29/408	A 44B 19/60, A 44B 19/58, A 44B 19/62, A 44B 19/42, B 29C 65/08
29/409	B 21D 53/54, A 44B 19/62, A 44B 19/26, A 44B 19/42, A 44B 19/60
29/410	B 21D 53/50, B 21D 53/52, A 44B 19/46, B 29D 5/02, A 44B 19/58
29/411	B 23K 20/233, B 01D 35/00, B 01D 63/021, B 22D 17/00, B 23C 3/12
29/412	B 21D 53/00, B 21D 35/00, B 23P 13/00, B 23P 15/00, B 29C 51/00
29/413	B 60J 10/0011, B 21D 53/00, B 23D 31/002, B 23P 17/00, B 25B 23/065
29/414	B 21D 53/34, B 21D 53/00, F 16D 2065/1332, A 61M 5/3286, B 21D 51/24
29/415	B 21D 28/06, B 21D 53/84, B 21D 53/88, F 16D 3/387, F 16D 65/08
29/416	B 21D 53/00, B 23P 11/00, B 23P 15/00, B 23P 17/00, A 45C 5/02
29/417	B 21D 53/00, B 23P 15/00, B 21D 53/16, B 23P 19/047, B 29D 99/0053
29/418	B 23P 15/00, E 06B 3/273, B 21K 21/00, B 23P 11/00, B 41J 1/30
29/419.1	B 21C 37/047, B 22F 2998/00, C 22C 47/00, D 04H 3/102, F 16D 69/023
29/419.2	B 21D 26/14, B 21D 39/04, B 23P 11/00, A 47J 41/022, A 47J 41/028
29/421.1	B 21D 26/033, B 21D 39/04, B 21D 26/045, B 21D 39/203, B 21D 26/047
29/421.2	B 21D 26/08, B 21D 39/042, C 21D 10/00, B 23K 20/085, C 21D 7/04
29/422	F 25B 43/003, B 21D 53/00, A 01N 25/00, A 61M 5/3202, B 01J 2/20
29/423	B 21C 23/01, B 21J 5/00, B 21C 23/32, B 21C 37/06, B 21C 23/002
29/424	B 23Q 3/086, C 10N 2240/402, C 10N 2240/403,

	C 10N 2240/404, C 10N 2240/405
29/425	B 21D 53/00, A 47G 1/0627, B 21D 51/00, B 23B 31/00, B 23G 7/00
29/426.1	B 23K 1/018, B 23P 11/025, B 23P 19/06, B 25B 27/00, B 25B 27/02
29/426.2	D 06B 23/047, G 07F 9/10, G 21Y 2002/302, A 01F 15/005, A 61F 2/80
29/426.3	B 08B 9/083, B 23P 19/025, A 61M 5/002, A 61M 5/1785, B 02C 13/26
29/426.4	B 21J 15/50, B 23P 19/025, B 25B 27/18, B 65B 69/0025, B 25B 27/00
29/426.5	B 25B 27/02, B 25B 27/023, B 25B 27/0035, B 25B 27/06, B 25B 27/14
29/426.6	B 25B 31/00, B 25B 27/20, B 25B 27/30, B 23P 11/022, B 25B 27/12
29/428	Y 02E 30/40, B 21D 53/88, B 23P 15/00, B 29K 2021/00, E 21B 19/16
29/429	E 04H 7/06, B 21C 37/09, B 23P 19/04, B 23P 21/004, B 21C 37/121
29/430	B 23P 21/004, B 23P 2700/50, B 27M 3/0073, B 62D 65/02, B 23P 21/00
29/431	B 21D 51/00, B 23P 2700/01, B 66C 23/283, E 04H 7/06, E 04H 7/16
29/432	B 23P 19/062, B 23P 11/00, B 27F 7/155, B 21D 39/032, F 16B 19/14
29/432.1	B 23P 19/062, F 16B 37/068, F 16B 37/065, A 43D 79/00, A 41H 37/04
29/432.2	B 23P 19/062, F 16B 37/068, B 65D 5/323, B 21J 15/025, F 16B 37/065
29/433	D 21F 1/0072, H 02G 1/08, D 04D 1/04, G 02B 6/4463, A 63B 49/12
29/434	B 23P 11/00, B 23P 19/04, B 23P 15/00, G 01C 19/22, B 62D 65/06
29/435	B 21C 37/12, B 21C 37/124, F 16C 1/02, A 47L 9/242, A 61B 17/1615

29/436	B 29C 70/84, B 29K 2021/00, F 16C 11/0614, F 16C 11/12, F 16F 9/43
29/437	B 23P 11/00, F 16B 41/002, B 21C 37/28, B 21F 45/004, D 06F 81/04
29/438	B 21D 53/00, A 01B 63/00, B 21D 53/10, B 21K 1/74, B 21K 7/12
29/439	B 21D 39/06, B 23P 11/00, F 16B 3/04, A 44B 15/005, A 44B 19/26
29/440	B 21D 53/36, B 21K 23/00, B 60N 2/682, B 60N 2/686, F 16B 2/10
29/441.1	B 43K 1/08, B 21D 53/76, F 16C 11/0633, B 23P 15/00, F 16C 11/0623
29/441.2	B 43K 1/08, B 43K 1/084, B 23P 13/02, B 23P 15/00, B 29C 45/4407
29/442	B 21D 51/365, B 29C 65/08, B 29C 65/58, B 29C 65/7861, B 29C 66/1122
29/443	A 61M 25/0014, B 21C 37/15, B 21D 19/00, B 21D 51/44, B 23P 11/005
29/444	B 21J 15/02, B 21K 25/00, A 45C 13/04, A 63H 3/16, B 21C 37/15
29/445	A 61F 2/2409, F 16B 37/068, A 61F 2/2406, B 23P 11/02, B 23P 15/00
29/446	B 23P 11/02, F 16B 1/0014, F 16B 31/04, B 21D 49/00, B 21D 51/24
29/447	B 23P 11/025, B 23P 11/02, F 16B 4/006, A 61F 2/958, A 61F 2002/9522
29/448	B 64C 3/26, B 64F 5/0009, A 47C 7/282, B 21D 49/00, B 29C 70/30
29/449	B 64C 3/26, A 47C 7/282, A 47C 7/462, A 47C 21/022, B 29C 45/14065
29/450	B 23P 19/084, B 23P 11/02, B 25B 27/28, B 29C 63/20, B 25B 27/0028
29/451	B 25B 27/0028, B 23P 19/084, B 23P 19/047, B 60J 10/0088, B 25B 27/0092
29/452	E 04G 21/12, E 04G 21/121, B 25B 29/02, E 04C

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29/453	B 25B 31/00, B 23P 11/02, B 29C 45/00, B 29D 23/18, A 44B 19/16
29/454	B 21D 15/06, B 21C 37/205, B 21D 53/00, B 23P 11/00, B 23P 15/00
29/455.1	B 63B 25/16, A 47J 41/028, B 23P 11/00, F 17C 3/025, B 21D 47/00
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29/457	A 47C 7/465, A 61F 2/60, A 61F 2/64, A 61F 2/78, B 23K 9/0256
29/458	B 21D 39/04, B 23P 15/00, F 16B 33/06, A 61F 2/0077, A 61F 2250/0068
29/459	A 45D 29/04, B 21F 15/00, B 23P 11/00, B 23P 15/12, B 65D 63/06
29/460	B 21C 37/09, A 47J 36/02, C 23C 2/38, F 25D 23/064, A 47J 27/002
29/461	F 16G 11/00, H 01R 4/20, A 63B 69/0088, B 21F 15/00, B 43L 19/04
29/462	B 21D 53/00, B 64F 5/0009, B 64C 1/061, B 64C 1/12, B 64C 3/00
29/463	B 21D 53/90, B 21C 37/0803, B 21D 51/18, B 21D 53/00, B 21C 37/104
29/464	B 23P 19/04, B 23Q 3/186, B 23P 19/002, B 23Q 3/18, B 25B 27/0035
29/465	B 21D 28/34, A 61F 2/30907, A 61F 2/3094, A 61F 2/3662, B 21D 37/12
29/466	B 32B 37/10, B 32B 38/1841, B 32B 2379/08, F 16L 1/26, H 05K 3/4638
29/467	B 23P 21/00, B 23P 19/04, B 23P 19/102, B 25B 27/14, B 25H 1/00
29/468	B 23P 19/04, B 60J 1/005, B 23P 19/10, B 25B 11/007, E 05B 17/06
29/469	Y 02E 30/40, B 62D 65/04, A 63H 9/00, B 27M 3/36, B 62D 33/04

29/469.5	A 47G 7/085, B 65D 85/52, B 65D 85/505, A 01G 5/04, B 29C 51/082
29/505	B 21D 39/03, B 21K 25/00, B 23P 11/00, A 47J 27/002, B 21D 39/031
29/506	B 21D 39/04, B 31B 1/28, B 31B 1/72, B 31B 17/00, B 31B 2201/2604
29/507	F 16L 33/213, E 21B 43/103, E 21B 43/106, B 21D 39/046, E 21B 17/08
29/508	B 21D 39/04, B 21D 39/046, B 25B 27/10, A 61F 2/95, A 61F 2002/9522
29/509	B 21J 15/02, B 21K 25/00, B 21D 39/021, B 21D 51/383, B 23P 11/00
29/510	B 21D 51/40, B 21J 15/022, B 21D 39/03, B 23P 11/00, F 16B 19/05
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29/512	B 21D 51/40, B 21J 15/043, B 23P 19/062, A 43D 100/02, B 21D 39/06
29/513	B 21D 53/00, B 21D 39/02, B 21D 53/74, A 47C 19/021, B 21D 39/038
29/514	B 23P 15/00, A 63B 53/04, A 63B 53/0466, A 63B 53/047, A 63B 53/0487
29/515	A 61F 2/958, A 61F 2002/9522, A 61B 17/06004, B 21F 45/008, A 61F 2250/0067
29/516	B 21D 39/04, A 61F 2002/9522, A 61F 2/958, B 25B 27/10, B 21K 25/00
29/517	B 21D 39/04, A 61B 17/06004, H 01R 43/058, B 21G 1/08, F 16G 11/02
29/518	F 16L 25/0036, H 01R 43/058, A 44C 5/2061, B 21F 27/08, B 25D 9/10
29/519	B 21F 15/06, D 07B 7/167, D 07B 9/00, F 16G 11/02, H 01R 43/0425
29/520	B 21K 25/00, B 23P 11/00, F 16B 37/068, B 21D 39/03, B 21D 39/04
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29/522.1	A 44C 21/00, B 21D 39/03, B 21D 39/031, B 21D 51/383, B 21D 53/74
29/523	B 21D 39/04, B 21D 39/06, B 23P 9/025, B 21C 37/154, B 21D 39/044
29/524	B 21D 53/00, B 21D 53/10, B 21D 53/34, B 23P 25/00, B 23Q 3/086
29/524.1	B 21J 15/10, B 21J 15/02, B 21J 15/142, B 21J 15/28, B 21J 15/36
29/525	B 23P 11/00, B 23P 11/02, B 23P 19/02, B 23P 19/033, F 16B 4/004
29/525.01	B 21J 15/14, B 21J 15/142, B 23P 19/001, B 23P 19/10, B 23P 2700/01
29/525.02	F 16L 17/04, F 16L 21/065, F 16L 23/08, B 23B 39/161, B 27B 5/04
29/525.03	A 01G 9/1469, B 23F 11/00, B 60M 5/00, B 62D 33/044, E 01B 9/06
29/525.04	Y 02B 10/20, F 24J 2/10, A 01G 9/14, A 47K 13/26, B 25H 7/00
29/525.05	B 21K 1/74, B 21K 7/14, F 16B 13/002, F 16B 13/124, B 01D 35/02
29/525.06	B 21J 15/10, B 21J 15/02, B 21J 15/142, B 21J 15/28, B 21J 15/32
29/525.07	B 21J 15/14, F 16B 19/08, F 16B 19/10, F 16B 19/1054, F 16D 69/022
29/525.08	B 25B 29/02, B 21D 39/04, B 23K 9/0286, B 23K 37/0276, B 23K 37/0533
29/525.09	A 47B 77/06, A 47B 2230/11, A 61M 5/1415, A 63H 9/00, B 23P 19/00
29/525.11	B 25B 21/00, B 23B 41/00, B 23P 15/00, B 23P 19/06, B 25B 29/02
29/525.12	F 16L 33/04, A 47B 13/083, B 23B 49/005, B 23B 51/0426, B 23P 11/00
29/525.13	A 47B 2230/0059, A 63B 53/0466, A 63B 53/0475, A 63B 2053/0408, B 21C 37/151

29/525.14	B 21J 15/025, A 01D 34/62, A 61N 1/36, A 61N 1/36007, A 61N 1/36014
29/525.15	A 61M 25/0009, A 61M 25/0041, A 61M 2210/127, B 29C 47/065, B 29L 2031/7542
29/526.2	B 22D 19/02, B 22D 31/005, C 22F 1/10, B 21B 1/18, B 21B 1/466
29/526.3	B 22D 27/08, B 21B 1/02, B 21B 1/20, B 21B 2201/14, B 21H 7/187
29/526.4	B 21B 1/18, B 21B 1/466, B 21B 15/0085, B 21B 38/00, B 21B 45/04
29/526.5	B 21K 7/00, B 21B 19/06, B 21B 23/00, B 21J 1/02, B 22C 9/061
29/526.6	B 22D 7/10, B 21B 38/00, B 21B 45/00, B 21B 45/04, B 21B 2003/001
29/527.1	F 16J 15/328, B 29K 2021/00, B 29C 43/18, B 29D 99/0053, B 29L 2031/26
29/527.2	B 22F 2998/00, B 29C 33/56, B 29C 47/02, C 23C 4/185, Y 02E 30/40
29/527.3	B 22C 3/00, B 22D 7/02, B 22D 19/0009, B 22D 19/06, B 23K 35/327
29/527.4	C 23C 2/38, C 23C 2/02, B 05D 7/14, B 23P 15/00, B 29C 47/025
29/527.5	B 22D 19/00, A 63B 53/04, B 21J 5/00, B 21J 5/002, B 22D 25/02
29/527.6	B 22D 11/126, B 21B 1/466, B 22D 31/00, B 22D 11/00, B 22D 13/04
29/527.7	B 21B 1/466, C 21D 9/0081, B 21B 1/26, B 21B 1/34, B 21B 1/463
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29/557	A 61F 2/91, A 61F 2/915, B 23P 15/00, A 61F 2002/91533, A 61F 2002/91541
29/558	B 23P 15/00, A 61B 17/06066, A 61B 2017/00526, B 21G 1/00, B 23P 13/02
29/559	B 25B 11/005, B 23Q 3/086, H 01L 21/6838, B

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29/560	B 21D 5/029, B 23D 31/00, B 23P 23/00, B 21D 28/12, B 23D 47/025
29/560.1	B 25B 1/2457, B 25B 1/20, B 25B 1/22, B 25B 1/24, B 25B 1/2452
29/33R	C 11C 5/02, B 23K 11/3063, B 23P 19/04, B 23P 21/004, H 01B 13/18
29/33.2	B 21D 53/50, A 44B 19/60, A 44B 19/58, A 44B 19/42, B 21D 53/52
29/33.5	B 65B 51/04, H 01R 43/052, B 21D 53/58, H 01R 43/04, H 01R 43/0482
29/33.52	H 01R 43/048, B 21F 33/04, B 65B 51/04, H 01R 43/04, B 21D 53/00
29/26R	B 23B 39/02, B 23Q 3/15706, B 23Q 37/00, B 23C 1/12, B 23Q 3/15713
29/26A	B 23Q 3/15706, B 23Q 37/00, B 21J 15/14, B 23Q 3/15526, B 23B 39/16
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29/27R	G 05B 19/182, B 23B 3/30, B 23Q 1/01, B 23Q 7/04, B 23Q 37/00
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29/29	B 23B 3/10, B 23B 5/28, B 23B 3/08, B 23B 7/12, B 23B 29/06
29/27A	B 23Q 37/002, B 23Q 37/00, B 23B 3/30, B 23Q 39/048, B 23B 41/02
29/27B	B 23G 1/32, B 23B 49/04, B 23B 5/00, B 23B 5/28, B 23C 7/00
29/27C	B 23B 3/168, B 23B 3/30, B 23B 3/167, B 23Q 39/04, B 23Q 39/048
29/30	B 23C 1/00, B 23C 1/045, B 23C 9/00, B 23D 1/02, B 23D 1/08
29/34R	B 21D 53/00, B 21J 15/14, B 21D 53/085, B 21J 15/32, B 21K 1/44

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29/34B	B 21J 15/10, B 21J 15/142, B 21J 15/14, B 21J 15/32, B 21J 15/02
29/34C	B 21K 27/06
29/34D	B 21F 5/00, B 21F 45/00, B 21C 1/30, B 21C 37/04, B 21D 28/265
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29/562	B 21D 53/18, B 08B 9/0835, B 08B 9/205, B 08B 9/426, B 21D 51/2676
29/563	B 23Q 7/1426, B 23Q 41/02, B 23Q 39/046, B 23Q 39/04, B 23Q 37/00
29/37R	B 23B 9/02, B 23B 13/00, B 23B 7/10, B 23B 9/08, B 23Q 5/34
29/37A	B 23B 3/065, B 23B 11/00, B 23Q 1/626, B 23Q 5/38, B 23Q 11/0032
29/38R	B 23B 9/08, B 23Q 39/042, B 23P 21/006, H 01F 41/0675, B 23B 9/02
29/38A	B 23Q 39/042, B 23Q 1/5468, B 23Q 39/044, B 23Q 39/046, B 23B 9/08
29/38B	B 23B 9/08, B 23Q 5/341, B 23Q 39/042, B 23Q 39/044, B 23B 31/302
29/38C	B 23Q 39/042, B 23B 9/08, B 23Q 16/065, B 23Q 39/046, B 23Q 16/06
29/38D	B 21D 51/36, B 21D 51/38, B 23B 9/08, B 23Q 1/5468, B 23Q 5/341
29/38E	B 23B 5/18, B 23B 41/00
29/38F	B 21D 51/36, B 23B 9/08, B 21D 51/365, B 23B 5/00, B 23B 41/12
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29/564	B 23Q 37/00, B 23B 39/161, B 23Q 7/005, B 21C 37/26, B 21D 28/243

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29/564.2	B 65B 61/14, H 02K 15/024, B 23P 19/04, H 01R 43/04, H 01R 43/20
29/564.3	B 65B 69/0025, B 23P 19/041, B 23D 53/02, B 65B 69/0033, G 21C 19/36
29/564.4	H 01R 43/05, H 01R 43/28, H 01R 43/052, H 02G 1/1256, H 01R 43/048
29/564.5	H 02K 13/04, H 02K 15/066, H 02K 15/09, H 01R 39/32, H 02K 15/0056
29/564.6	H 01R 43/20, H 05K 13/0417, H 02K 15/10, H 01F 41/10, H 02K 15/0018
29/564.7	H 01R 43/01, A 01G 5/00, A 61B 17/06004, A 61B 17/06133, A 61B 2017/00526
29/564.8	H 01R 43/28, B 23P 19/04, B 23P 19/047, E 06B 9/266, H 01R 43/052
29/565	A 63H 3/445, B 21D 22/02, B 21D 28/06, B 21D 37/08, B 21D 43/02
29/566	B 21D 39/035, A 01K 11/002, B 21D 28/28, B 21D 39/025, B 21D 39/03
29/566.1	H 01R 43/01, A 01K 95/02, H 01R 43/28, B 21D 39/02, B 21D 39/035
29/566.2	H 01R 43/04, H 01R 43/048, H 01R 43/027, H 01R 43/055, H 01R 43/01
29/566.3	H 01R 43/01, H 05K 13/0473, H 01R 43/015, H 05K 13/0092, H 05K 13/023
29/566.4	H 01R 43/015, H 01R 43/0421, H 01R 43/01, B 25B 27/146, H 01R 43/027
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29/39	B 23B 3/161, B 23B 29/323, B 23Q 1/0018, B 23B 3/16, B 23B 7/04
29/40	B 23Q 39/02, B 23Q 16/102, B 23B 29/323, B

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29/43	B 23B 7/04, B 23B 7/12, B 23B 9/02, B 23B 11/00, B 23Q 1/38
29/44	B 23B 7/12, B 23B 7/04, B 23B 3/16, B 23B 13/00, B 23Q 5/34
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29/46	B 23B 3/16, B 23B 7/04, B 23Q 5/18, B 23Q 2705/08, B 23B 3/00
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29/485R	B 23Q 16/065, B 23Q 16/06, B 23Q 16/025, B 23Q 16/04, B 23B 7/12
29/49	B 23Q 16/06, B 23B 29/24, B 23Q 16/10, B 23Q 16/04, B 23B 29/287
29/485A	B 23Q 16/102, B 23Q 16/06, B 23Q 16/08, B 23Q 39/02, B 23B 3/16
29/50	B 23F 17/006, B 23Q 1/52, B 24B 41/04, B 21J 15/10, B 21J 15/14
29/51	B 23B 11/00, B 23G 1/185, B 23Q 7/047, B 21D 41/00, B 21D 43/006
29/52	B 23B 9/02, B 23B 7/02, B 23B 5/40, B 23B 29/16, B 23Q 5/34
29/53	B 23B 7/02, B 23B 9/02, B 23G 1/04, B 23B 7/12, B 23B 9/08
29/54	B 23B 3/30, B 23B 7/02, B 23B 9/02, B 23B 11/00, B 23B 29/26
29/55	B 23B 39/162, B 23Q 1/621, B 23Q 5/341, B 23Q 9/00, B 23Q 39/024
29/56	B 23B 5/14, B 23B 5/26, B 23B 7/02, B 23B 7/04, B 23B 9/02

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29/57	B 23B 11/00, B 23B 5/38, B 23B 29/24, B 23B 13/121, B 23Q 5/22
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29/33A	B 22D 11/1265, B 23C 3/12, B 23D 79/02, B 23K 37/08, B 21B 15/0085
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29/33D	B 21C 37/157, B 21C 37/08, B 21C 37/09, B 21C 37/12, B 21D 26/033
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29/33G	B 21C 37/26, B 21D 53/085, B 21D 53/04, B 23K 1/0012, B 21C 37/225
29/33H	B 23Q 3/002, B 23C 3/13, B 23C 3/00, B 23D 45/02, B 23D 47/04
29/33J	B 21D 28/12, B 23P 21/006, B 23Q 7/02, B 05D 1/265, B 05D 7/14
29/33K	B 23P 19/04, B 23P 21/004, B 23P 2700/01, E 06B 3/67317, B 21D 39/04
29/33L	H 02K 15/0018, H 02K 15/10, H 01R 39/32, H 01R 43/06, H 02K 15/09
29/33M	H 01R 43/28, H 01R 43/01, H 01R 43/052, H 01R 43/20, H 01R 43/05
29/33N	B 21D 53/88, B 21F 3/04, B 23P 15/001, B 23P

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29/700	B 09B 5/00, B 29B 17/02, B 21D 53/88, B 23P 19/02, B 23P 19/041
29/701	B 23P 21/004, B 23P 19/001, H 05K 13/04, B 23P 19/04, B 23P 19/047
29/702	B 23P 19/062, A 61F 2240/001, B 21J 15/10, B 21J 15/28, B 21J 15/42
29/703	B 23P 21/004, H 05K 13/08, G 05B 19/4182, G 05B 2219/39468, B 01D 29/111
29/704	D 04B 37/04, H 05K 13/06, B 21D 53/50, B 23P 19/10, B 23P 21/002
29/705	H 01R 43/01, H 05K 13/08, B 23P 19/02, B 23P 21/004, G 01M 1/326
29/706	A 41H 37/10, B 23P 19/022, B 23P 19/062, B 27F 7/15, B 68G 7/08
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29/709	B 23P 19/04, B 21J 15/32, B 23P 19/001, B 23P 19/007, B 23P 19/10
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29/714	B 23P 19/04, B 62D 65/06, B 23P 2700/50, B 23P 19/10, B 23P 19/12
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29/716	B 21J 15/025, B 21J 15/28, B 23P 19/062, B 21J 15/26, B 21J 15/285
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29/731	Y 02E 60/12, Y 02E 60/50, B 29C 65/20, B 29C 65/78, B 29C 66/534
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29/742	H 01R 43/20, H 01R 43/28, H 01R 43/052, H 01G 13/00, H 01R 43/01
29/743	H 05K 13/0408, H 05K 13/0452, H 01L 21/6838, H 05K 13/0413, B 25B 11/005
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29/809	B 23P 19/084, B 23P 19/04, B 21J 15/32, B 25B 27/20, B 43M 99/009
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29/271	B 25B 27/00, B 25B 27/14, B 23K 37/0408, B 25B 27/0035, B 23K 37/04
29/272	F 16L 1/10, B 25B 27/10, B 25B 27/16, B 23K 37/0533, B 23K 37/0531
29/273	B 60B 29/001, B 25B 27/0035, B 60G 15/07, B 60G 2200/46, B 60G 2206/93
29/274	B 25B 27/0064, B 25B 27/0035, B 25B 27/14, B 23P 19/002, B 23P 19/04
29/275	B 25B 27/06, B 25B 27/02, B 25B 27/04, B 25B 27/0035, B 25B 27/00
29/276	B 23Q 1/70, B 23Q 5/10, B 25B 27/02, B 25B 27/023, B 25B 27/14
29/277	B 25B 27/02, B 23P 19/025, B 25D 17/02, B 60B 29/006
29/278	B 25B 27/02, B 25B 27/00, B 25B 9/00, B 25B 27/14, B 25B 27/0035
29/279	B 25B 27/00, A 61B 17/8875, B 04B 15/06, B 25B 15/005, B 25B 23/105
29/280	B 25B 27/06, B 25B 27/02, B 25B 27/24, B 25B 9/00, B 25B 27/14
29/281	B 25B 27/06, B 25B 27/062, B 25B 27/0035, B 25B 27/0064, B 25B 27/02
29/281.1	B 23K 37/0408, B 23P 19/04, B 23Q 3/103, B 23Q 3/183, B 25B 5/061
29/281.2	F 21H 3/00
29/281.3	B 25B 5/14, B 27F 7/155, B 21F 27/20, B 22D 7/066, B 23K 9/20

29/281.4	B 25B 11/02, B 64F 5/0036, B 23P 19/04, B 23P 21/00, B 23P 2700/50
29/281.5	B 25B 27/0035, B 25B 11/02, B 25B 27/14, B 23P 19/04, B 62D 65/06
29/281.6	E 02D 5/16, B 25B 27/00, B 25B 27/22, B 21D 53/92, B 23K 37/053
29/282	B 25B 27/06, B 21K 25/00, B 25B 27/02, B 21D 39/04, A 61F 2002/9522
29/283	B 25B 27/02, B 25B 27/06, B 25B 27/023, A 43D 79/00, B 25B 27/0035
29/283.5	A 61F 2002/9522, A 61F 2/958, B 21D 39/04, A 61F 2/95, B 21D 39/203
29/284	B 23Q 11/08, B 23Q 13/00
29/900	H 01L 21/67092, H 02N 1/10, H 02N 1/12, B 23P 19/027, B 24B 39/02
29/901	G 01M 1/30, G 01M 1/22, G 01M 1/24, G 01M 1/34, F 16F 15/32
29/902	B 01D 29/111, B 07B 1/4618, B 01D 29/012, B 07B 1/4663, B 07B 1/4672
29/903	C 22C 1/045, C 22C 21/10, C 22C 27/04, F 41A 3/12, F 41C 3/14
29/904	D 06F 75/38, B 01J 19/0093, B 01J 2219/00783, B 01J 2219/00822, B 01J 2219/00835
29/905	B 01D 29/111, B 01D 35/02, E 21B 43/088
29/906	G 21C 19/07, G 21C 19/40, G 21Y 2002/204, G 21Y 2002/301, G 21Y 2002/402
29/DIG1	B 41J 2/1623, B 41J 2/1631, B 32B 7/06, B 41J 2/14209, B 41J 2/14233
29/DIG2	B 21K 1/766, B 22F 5/003, B 22F 5/10, B 23P 2700/04, B 24C 1/08
29/DIG3	B 21D 5/08, B 21D 11/085, B 21D 11/18, B 21D 26/033, B 21D 53/86
29/DIG4	F 05B 2230/237, G 01F 1/8404, G 01F 1/8409, G 01F 1/8413, G 01F 1/8418

29/DIG5	B 21B 1/34, B 21B 1/466, B 21B 45/00, B 21B 1/46, B 22D 11/00
29/DIG6	F 16C 33/64
29/DIG7	B 24C 1/083, B 24C 11/005, C 23C 4/02, C 25C 7/06, F 22B 37/483
29/DIG8	C 23C 26/00, C 23C 26/02
29/DIG9	F 16C 3/02
29/DIG10	F 16C 19/54, F 16C 35/061, G 01N 27/12, G 11B 5/5521
29/DIG11	H 02K 1/17, H 02K 15/03, A 61M 25/09, A 61M 2025/09175, B 21C 1/003
29/DIG12	F 02K 9/64, C 23F 13/02, C 25D 5/48, B 23K 35/005, C 25C 7/02
29/DIG13	B 23K 11/002, B 23K 20/023, B 29C 65/34, B 29C 65/3444, B 29C 65/348
29/DIG14	
29/DIG15	B 23C 3/18, B 23C 2215/44, B 23P 19/04, B 23Q 1/4852, B 23Q 1/623
29/DIG16	B 41J 2/1631, B 41J 2/1645, B 41J 2/1623, B 41J 2/1628, B 41J 2/1629
29/DIG17	
29/DIG18	B 21J 5/02, B 21J 5/12, B 21K 1/767, B 21D 53/00, B 21J 13/02
29/DIG19	A 61B 17/22012, A 61B 2017/00292, A 61B 2017/22014, A 61B 2017/22015, A 61B 2017/22039
29/DIG20	
29/DIG21	B 23P 11/025, B 29C 47/0847, B 29C 47/0849, F 16H 45/02, F 16H 2045/0294
29/DIG22	F 16C 33/12, F 16C 33/14, C 22C 9/00, B 23K 35/26, C 25D 3/54
29/DIG23	B 21H 3/00, B 21K 25/00, B 23B 27/24, B 23P 6/00, B 21C 37/0803

29/DIG24	B 21D 15/06, B 22F 2998/00, B 23P 15/06, E 01B 31/18, F 16C 33/14
29/DIG25	F 02B 1/04, G 01R 33/18, G 01V 15/00, G 08B 13/2408, G 08B 13/2434
29/DIG26	B 23P 15/00, B 23P 15/006, B 23P 15/001, B 23P 15/003, B 23P 15/10
29/DIG27	C 22F 1/06, B 21B 3/00, C 23F 13/02, B 21C 23/22, B 21C 33/004
29/DIG28	G 11B 5/00, G 11B 5/03, G 11B 5/642, G 11B 5/127, C 21D 8/1233
29/DIG29	B 29C 45/14065, F 16C 33/14, H 01R 43/24, B 21D 47/04, B 23P 11/00
29/DIG30	C 25D 5/48, A 44C 27/00, B 21B 1/227, B 22D 25/02, A 47G 1/0627
29/DIG31	B 22F 2998/00, B 22F 3/20, B 22F 7/08, B 22F 3/1258, B 22F 3/14
29/DIG32	F 16C 33/64, B 21H 1/12, B 22F 3/18, B 22F 2998/00, B 21B 3/00
29/DIG33	B 21D 5/08, B 21D 51/2676, A 21C 11/16, A 47B 88/20, A 47B 2088/202
29/DIG34	B 29L 2031/26, B 29D 99/0053, F 16C 33/78, B 29K 2021/00, F 16B 33/004
29/DIG35	B 23P 11/025, F 01D 5/025, B 21B 27/03, B 23P 11/02, E 21B 17/042
29/DIG36	C 21D 7/06, B 24C 3/32, C 22F 1/10, F 16F 1/02, B 22D 31/005
29/DIG37	B 21D 43/05, B 29C 43/00, B 29C 43/021, B 29C 43/203, B 29C 43/36
29/DIG38	B 21C 37/14, B 21C 37/30, B 21D 53/045, B 23K 20/04, B 23K 33/004
29/DIG39	C 23C 4/08, C 23C 4/02, C 23C 4/18, C 23C 4/185, F 16C 33/14
29/DIG40	B 21D 53/00, B 21H 1/22, B 60M 5/00, G 08B 13/2437, G 08B 13/244
29/DIG41	B 21C 37/18, A 63B 59/06, B 21C 37/124, B 21C

	37/185, B 21C 37/16
29/DIG42	B 21D 49/00, B 01D 29/111, B 21D 1/14, B 21F 17/00, B 23D 61/10
29/DIG43	B 21J 9/06, B 21D 53/90, B 21K 21/12, B 21B 21/00, B 21D 53/30
29/DIG44	H 05K 13/0408, H 05K 13/0413, H 05K 13/0452, H 05K 13/08, B 21J 15/32
29/DIG45	C 22C 1/0458, B 21D 26/055, B 22F 3/20, C 22F 1/183, B 22F 2998/00
29/DIG46	H 05K 13/028, B 24B 1/04, B 23P 19/033, B 65G 47/24, C 21D 10/00
29/DIG47	B 22F 3/20, B 21C 23/22, B 21C 23/01, B 22F 2998/00, B 21C 23/085
29/DIG48	B 23K 5/006, B 23K 9/0026, B 23P 15/00, B 23P 15/006, F 01D 5/063
29/DIG49	B 23P 15/00, C 21D 7/04, B 21D 51/24, C 21D 7/06, G 01R 33/18
29/DIG50	B 23Q 11/10, B 23Q 11/005, B 23Q 11/0053, B 23Q 11/08, B 01D 17/00
29/DIG51	B 24B 47/18, B 24B 55/04, B 21B 1/34, B 21B 1/466, B 21B 45/00
29/DIG52	B 23B 27/22, B 23B 47/34, B 23Q 11/08, B 21B 11/00, B 21C 43/02
29/DIG53	B 23Q 7/12, B 03D 1/012, B 23C 3/00, B 23D 31/04, B 23D 37/04
29/DIG54	B 23Q 11/10, B 24B 57/00, A 43D 95/08, B 24B 13/02, B 24B 55/02
29/DIG55	A 43D 95/08, B 41D 5/00, A 01C 15/006, A 24C 1/00, A 61C 1/087
29/DIG56	B 23Q 11/08, B 23Q 11/0825, B 23Q 1/66, B 23Q 11/0042, B 23Q 11/0816
29/DIG57	B 23Q 11/10, B 24B 55/02, B 23D 59/02, B 23G 7/00, B 23Q 3/16
29/DIG59	B 23Q 11/08, B 23Q 11/0046, B 23Q 11/0042, B 23Q 11/0825, B 24B 55/04

29/DIG60	B 23Q 11/08, B 23D 59/006, B 24B 27/065, B 23Q 11/0825, B 24B 55/05
29/DIG61	A 43D 95/08, B 23Q 11/005, B 23Q 11/02, B 24B 55/06, A 24C 5/396
29/DIG62	B 27B 13/12, A 47L 23/02, B 23Q 11/10, B 24B 7/13, B 24B 21/00
29/DIG63	B 23Q 11/10, B 24B 55/02, B 23Q 11/0858, A 01B 31/00, A 61C 17/00
29/DIG64	B 23Q 11/0046, B 23D 59/02, B 24B 55/06, B 23Q 11/10, B 23D 59/006
29/DIG65	A 47L 11/125, A 47L 11/40, A 47L 11/4036, A 47L 11/4069, A 47L 11/408
29/DIG66	B 23Q 11/10, B 23Q 1/0036, B 23B 41/02, E 21B 21/015, A 61C 1/052
29/DIG67	B 24D 5/10, B 09B 3/0058, B 09B 5/00, B 09B 2220/08, B 24D 7/10
29/DIG68	B 23Q 11/10, B 24B 55/02, B 23D 59/025, B 23D 47/04, B 23D 59/006
29/DIG69	B 24B 57/00, B 26D 7/088, B 23D 59/04, A 47L 23/02, A 61C 1/16
29/DIG70	B 23Q 1/0036, B 23Q 11/10, B 24B 57/00, F 16L 27/087, A 43D 95/06
29/DIG71	B 23Q 11/1007, B 23D 37/04, B 23B 3/06, B 23B 41/00, B 23Q 7/006
29/DIG72	B 24B 57/00, B 23D 59/02, B 24B 55/02, B 23Q 11/10, B 24B 27/065
29/DIG73	A 61J 3/074, B 23F 17/003, B 23F 23/12, B 23K 33/00, B 23P 6/00
29/DIG74	B 23D 59/02, B 23Q 11/10, B 24B 27/065, B 24B 55/02, C 10M 173/00
29/DIG75	B 23Q 11/10, B 24B 1/00
29/DIG76	B 24B 27/02, B 24B 31/00, B 24B 57/00, C 14B 1/14, C 14B 2700/25
29/DIG77	B 23Q 11/10, B 24B 55/02, B 23G 9/006, B 23Q 1/015, B 23Q 11/1069

29/DIG78	B 24B 55/06, B 23Q 11/0046, B 26D 7/1863, B 23Q 11/005, B 26D 3/16
29/DIG79	B 24B 55/06, B 23Q 11/0042, B 23Q 11/0046, B 23D 59/006, B 23Q 11/10
29/DIG81	B 23Q 11/005, B 23Q 11/02, B 23Q 11/10, A 24C 1/16, A 43B 13/04
29/DIG82	B 23D 59/006, B 23Q 11/0046, B 23D 47/126, B 23D 49/007, A 61F 15/02
29/DIG83	B 23Q 11/0046, B 23Q 11/005, B 24B 55/06, B 23D 59/006, B 41D 5/00
29/DIG84	B 23Q 11/0046, A 43D 95/08, B 24B 55/06, A 24C 1/00, A 24C 1/02
29/DIG85	A 43D 95/08, A 24C 1/02, A 47L 23/02, B 24B 55/06, F 01N 1/166
29/DIG86	B 23Q 11/0046, A 43D 95/08, B 24B 55/06, B 23D 59/006, E 21B 21/015
29/DIG87	B 23Q 11/10, B 24B 55/06, A 43D 95/08, B 24B 55/02, B 23Q 1/0018
29/DIG88	B 24B 55/02, B 23Q 11/10, B 24B 27/065, B 24B 57/00, B 23D 59/006
29/DIG89	B 24B 57/00, B 24B 13/02, B 24B 55/02, B 24C 3/34, E 21B 21/01
29/DIG90	B 24B 57/00, B 23Q 11/10, B 23D 47/08, B 23Q 11/1084, B 28D 1/143
29/DIG91	B 24B 55/02, B 23Q 11/10, B 23D 59/02, B 23Q 11/005, B 23Q 11/02
29/DIG92	B 23Q 11/10, B 23D 59/02, B 23D 45/021, F 16N 7/32, A 61H 3/0288
29/DIG93	B 23Q 11/10, B 24B 7/244, B 23G 9/006, A 61C 19/00, B 01J 8/224
29/DIG94	B 23Q 11/08, B 23Q 11/0042, B 23Q 11/10, F 16P 1/02, B 23Q 11/0053
29/DIG95	B 23Q 11/0064, E 01B 31/15, G 03G 19/00, G 08B 13/2408, G 08B 13/244
29/DIG96	B 23Q 11/0042, B 23D 37/04, B 23Q 11/10, A

	24C 1/02, A 24C 1/18
29/DIG97	G 11B 3/5836, B 23Q 11/02, G 11B 3/5845, B 23D 59/006, B 23Q 11/005
29/DIG98	B 23Q 11/02, B 23Q 11/0042, G 11B 3/5845, B 23Q 11/0092, B 23Q 11/08
29/DIG99	B 23Q 11/0057, A 24C 1/02, B 23C 3/13, B 23Q 3/002, B 23Q 11/005
29/DIG100	B 23Q 1/0009, B 23Q 1/03, B 23Q 1/52, B 23Q 11/0042, B 23Q 11/0053
29/DIG101	B 23Q 11/10, B 23Q 1/015, B 23D 37/04, B 23D 59/02, B 23Q 11/0042
29/DIG102	B 23D 59/006, B 23Q 11/10, B 23Q 1/015, B 23Q 7/12, B 23Q 11/0057
29/DIG104	B 24B 55/06, G 11B 3/00, G 11B 3/70, A 62B 3/005, B 23C 3/04
29/DIG105	B 25B 27/24, B 23P 19/006, B 23P 19/04, B 25B 7/02, A 41H 37/10

Most statistically relevant CPC Subclasses
H 01M, B 21B, D 06H, B 29C, B 26D, B 21C, B 21F, A 44B, B 22F, B 01D, B 23P, D 03C, B 21K, B 21D, F 16B, A 61B, A 44C, G 05B, B 25B, G 03H, G 02C, C 14B, B 41D, B 60C, D 04B, F 01D, B 41B, E 06B, A 45B, H 01L, H 01G, B 41J, B 23D, B 08B, F 28G, C 23G, B 25D, B 25H, B 24B, D 21G, B 23F, B 24C, B 68G, D 05B, H 04R, G 01N, H 02K, H 01R, H 01Q, H 01F, G 11B, G 01R, G 11C, G 01L, H 01C, H 05B, H 01B, H 01H, H 05K, H 02G, F 16D, F 01L, F 02B, F 04B, F 04C, F 04D, F 02F, F 16J, F 05C, C 10M, F 16C, F 02D, F 02M, F 16H, F 01N, F 02K, F 23D, F 28D, F 24J, F 28F, F 22B, F 15B, F 16L, A 61F, F 17C, F 16K, B 05B, E 02F, A 01D, B 21H, B 60B, B 29D, G 03G, C 03B, A 43D, C 21D, A 61C, G 10D, G 04B, B 21L, B 60G, F 16F, E 04C, B 62D, E 04B, E 04H, B 32B, A 63B, B 02C, B 23K, C 04B, B 29K, B 23B, B 65D, D 04H, G 21Y, G 02B, B 60N, B 43K, A 47C, F 16G, B 64C, E 21B, D 07B, B 21J, A 61M, B 22D, B 23Q, B 23C, B 65G, B 65B, F 16P, G 21C, C 25C, D 01H, B 27F, B 65C, A 01G, B 01J, E 05B, A 63H, G 03B, G 04D, B 43M, A 01K, A 61J, B 42F, A 47H, B 30B, F 21H, G 01M, C 22C, G 01F, C 23C, B 60J, C 22F, C 25D, A 47L, G 08B