

CONCORDANCE - United States to International Patent Classification

U.S.			IPC			U.S.			IPC			U.S.			IPC		
Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation
U.S. CLASS 29--Con.																	
563	B 23 Q	41 / 02	849	H 01 K	3 / 00	890.142-890.143	B 21 K	21 / 08	34.2	B 26 B	19 / 42	229-263	B 26 B	13 / 00			
	B 23 Q	7 / 00	850	H 01 K	3 / 10		B 23 P	15 / 16	35-39	B 26 B	19 / 38	264	B 26 B	15 / 00			
564-564.8	B 23 P	23 / 00	851	H 01 K	3 / 22	890.144-890.145	B 21 K	1 / 16	40	B 26 B	21 / 24	265	B 26 B	13 / 00			
564-565	B 23 Q	41 / 00	852-853	H 01 K	3 / 10	890.144-892.3	B 23 P	17 / 00	40.1	B 26 B	21 / 26	266	B 26 B	13 / 28			
566-566.4	B 23 P	23 / 00	854-856	H 05 K	13 / 00	890.147-890.149	B 21 K	1 / 16	40.2	B 26 B	21 / 24	267-271	B 26 B	13 / 00			
592	B 23 P	17 / 04	854-859	H 01 R	43 / 00	890.15	B 21 K	1 / 76	41-41.6	B 26 B	19 / 44	272.1-277	B 26 B	7 / 00			
592.1	H 01 S	4 / 00	860	H 01 R	43 / 02	891-891.2	B 21 D	53 / 60	41.7-41.8	B 26 B	21 / 40	277.4	B 26 B	15 / 00			
593	G 01 R	31 / 28	861-867	H 01 R	43 / 04		B 21 K	19 / 00	41.9	B 26 B	19 / 08	278-279.6	A 01 D	1 / 00			
	G 01 R		868-870	H 01 R	43 / 00	892-892.2	B 21 K	1 / 42	42	B 26 B	19 / 28		B 26 B	13 / 00			
	G 05 F		871	H 01 R	43 / 04	893-893.37	B 21 D	53 / 28	43	B 26 B	19 / 20	278	B 26 B	3 / 00			
	H 01 H		872-873	H 01 R	43 / 00		B 21 K	1 / 30	43.1-43.3	B 26 B	19 / 20	280-283	B 26 B	3 / 00			
594	H 04 R	31 / 00	874-875	H 01 R	43 / 16		B 23 P	15 / 14	43.4-43.6	B 26 B	19 / 14	284-295	B 26 B	29 / 00			
595	G 01 R	3 / 00	876	H 01 R	43 / 20	894-894.32	B 21 D	53 / 26	43.7-43.9	B 26 B	19 / 12	289	B 26 B	29 / 06			
596	H 02 K	15 / 00	877-880	H 01 R	43 / 02	894.01-894.012	B 21 H	1 / 04	43.91-43.92	B 26 B	19 / 02	296.1-298.4	B 26 B	27 / 00			
597	H 01 R	43 / 06	881-882	H 01 R	43 / 04		B 21 H	1 / 08	44-45	B 26 B	19 / 28	299-308	B 26 B	3 / 00			
	H 01 R	43 / 10	884-885	H 01 R	43 / 00		B 23 P	15 / 20	46	B 26 B	19 / 30	308.1-308.3	B 26 B	23 / 00			
598	H 02 K	15 / 02	886-887	H 01 B	19 / 00	894.31	B 21 K	1 / 38	47-50	B 26 B	21 / 00	309-319	B 26 B	3 / 00			
	H 02 K	15 / 10	888	B 23 P	17 / 00		B 23 P	17 / 00	51	B 26 B	21 / 08	320-321	B 26 B	1 / 00			
599	H 01 L	39 / 24	888.01	B 21 K	3 / 00	894.32	B 21 K	1 / 32	52-55	B 26 B	21 / 00	322-328	A 47 J	43 / 28			
600	H 01 P	11 / 00	888.011	B 23 P	6 / 00	894.321-894.325	B 23 P	17 / 00	57-84	B 26 B	21 / 14	329-339	B 26 B	1 / 00			
	H 01 Q	13 / 00	888.012	B 23 K	3 / 00	894.33-894.34	B 21 D	53 / 26	90.1-108	B 26 B	27 / 00	340-341	B 25 G	1 / 00			
601	H 01 Q	17 / 00	888.02	B 23 P	15 / 00	894.341-894.345	B 21 K	1 / 34	90.1-91.2	B 21 F	13 / 00		B 25 G	1 / 12			
602.1	H 01 F	7 / 06	888.021	B 23 P	6 / 00	894.341-894.381	B 23 P	17 / 00	92-108	B 23 D	21 / 06	340-345	B 25 G	3 / 00			
603.01-603.27	G 11 B	5 / 127	888.022-888.025	B 23 P	15 / 00	894.35-894.354	B 21 K	1 / 38		B 26 D	3 / 16	346	B 26 B	9 / 00			
	H 04 R	31 / 00	888.03	B 21 K	1 / 76	894.36-894.362	B 21 K	1 / 40	109-113	A 24 C	1 / 24	346.5	B 26 B	21 / 54			
604	H 01 F	3 / 00	888.04	B 23 P	15 / 10	894.36-894.37	B 21 D	53 / 26		A 24 C	5 / 12	346.51	B 26 B	19 / 04			
	H 01 F	41 / 02	888.041	B 23 P	6 / 00	894.37	B 21 K	1 / 38		A 24 C	5 / 28	346.52-346.61	B 26 B	21 / 54			
605-609.1	H 01 F	7 / 06	888.042	B 23 P	15 / 10	894.38-894.381	B 21 D	53 / 32	113.1-113.3	A 47 J	23 / 00	347-353	B 26 B	9 / 00			
608	H 01 F	3 / 08	888.043	B 23 K	15 / 00		B 21 K	1 / 40		A 47 J	25 / 00	353	B 26 B	19 / 04			
609-609.1	H 01 F	3 / 04		B 23 K	26 / 00	895-895.33	B 21 D	53 / 00	114	A 21 C	15 / 04	355-357	B 26 B	9 / 02			
610.1	H 01 C	17 / 00	888.044-888.045	B 23 P	11 / 00		B 21 K	1 / 02		A 21 C	5 / 08	358-368	B 26 F	1 / 00			
611	H 05 B	3 / 00	888.044-888.046	B 21 K	1 / 18	895.1	B 23 P	6 / 00	115-117	A 21 C	5 / 00	369-370	B 27 B	3 / 28			
612	H 01 C	7 / 02	888.047-888.049	B 23 P	11 / 00	895.2-895.33	B 23 P	17 / 00	118-119	B 26 B	1 / 00		B 27 B	9 / 00			
	H 01 C	7 / 04	888.047	B 22 D	19 / 00	896.1-896.11	B 21 F	43 / 00	118-120	A 41 H	25 / 00	369	B 23 D	49 / 00			
613-615	H 01 C	17 / 02	888.048	B 23 P	15 / 10		B 23 P	13 / 00	118	B 26 B	13 / 00		B 27 B	19 / 09			
614-615	H 01 C	1 / 02	888.049	B 23 P	15 / 06	896.1	A 61 C	5 / 10	120	B 26 B	13 / 06		B 27 B	33 / 20			
616-617	H 01 C	1 / 03	888.05	B 21 K	1 / 44	896.2-896.24	B 29 D	17 / 00	120.1-120.3	B 26 B	17 / 00		B 27 B	5 / 29			
618	H 01 C	17 / 04	888.051-888.061	B 23 P	11 / 00		H 04 R	31 / 00	120.1-120.5	A 47 J	43 / 26	370-373	B 23 D	51 / 04			
619	H 01 C	17 / 28	888.07	B 21 K	1 / 14	896.3-896.34	G 04 D	3 / 00	120.1	A 23 N	5 / 00	370-377	B 23 D	47 / 02			
620	H 01 C	17 / 06		B 23 P	15 / 08	896.4-896.43	A 44 C	27 / 00	120.4	B 26 B	17 / 02		B 23 D	51 / 02			
621-621.1	H 01 C	17 / 28	888.071-888.076	B 23 P	15 / 06	896.5	B 21 D	53 / 00	120.5	B 26 B	17 / 00		B 23 D	59 / 00			
622	H 01 H	11 / 00	888.08-888.092	B 23 P	17 / 00	896.5	B 21 K	23 / 00	121	A 01 G	3 / 08	371	B 23 B	29 / 00			
	H 01 H	65 / 00	888.09-888.3	B 21 D	53 / 84	896.6-896.62	B 23 P	15 / 16		B 26 B	23 / 00		B 27 B	21 / 08			
623	H 01 H	69 / 02	888.1-888.2	B 21 K	1 / 12	896.7-896.93	B 23 P	13 / 00	121.5	A 47 J	17 / 02	372-377	B 27 B	19 / 14			
623.1-623.5	H 01 M	4 / 82	888.4	B 21 K	1 / 22	896.9-896.93	B 21 F	35 / 00	122-123.3	B 25 F	3 / 00	372	B 23 B	27 / 08			
	H 01 M	6 / 00	888.41	B 21 K	1 / 20	897-897.1	B 21 D	47 / 00		B 26 B	11 / 00	373-374	B 27 B	9 / 04			
650-700	B 23 P	19 / 00	888.42	B 21 K	1 / 22	897	B 21 K	23 / 00	123-123.3	B 26 B	1 / 00	374-377	B 27 B	21 / 08			
701-722	B 23 P	21 / 00	888.43	B 21 K	1 / 20	897	B 23 P	17 / 00		B 26 B	3 / 00	375-377	B 27 B	9 / 02			
	B 23 Q	15 / 00	888.44	B 21 K	1 / 24	897.1	B 23 P	6 / 00	123.4	B 23 D	59 / 04	378	B 23 D	47 / 04			
723	B 23 P	19 / 00	888.45-888.451	B 21 K	1 / 20	897.15	B 23 P	15 / 12		B 23 Q	11 / 12		B 23 D	51 / 04			
724-725	B 21 D	53 / 10		B 21 K	21 / 00	897.2	B 21 D	53 / 88		B 26 B	7 / 00		B 27 B	21 / 00			
	B 23 P	19 / 04	888.452-888.46	B 23 P	17 / 00	897.3-897.32	B 21 D	47 / 00	123.5-123.7	A 22 B	5 / 16		B 27 B	25 / 10			
726-727	B 23 P	15 / 26	889	B 21 D	53 / 78	897.3-897.35	B 21 K	23 / 00	123.5-140	B 26 B	11 / 00	379-379.5	B 23 D	45 / 00			
728	B 23 P	19 / 04	889.1	B 23 P	6 / 00	897.3	B 23 P	17 / 00	124-140	B 25 F	3 / 00		B 27 B	19 / 14			
729-764	B 23 P	19 / 00	889.2-889.5	B 21 K	25 / 00	897.31-897.312	B 23 P	15 / 12		B 26 B	1 / 00		B 27 B	9 / 00			
729	H 01 R			B 21 K	15 / 04	897.32-898	B 23 P	17 / 00		B 26 B	3 / 00	380	B 23 D	53 / 00			
	H 05 K	13 / 04	889.6-889.722	B 21 D	53 / 78	897.33	B 21 D	47 / 01	137	A 47 J	43 / 28		B 23 D	55 / 00			
730-731	H 01 M			B 21 K	3 / 04	897.34	B 21 D	49 / 00	141	A 47 J	43 / 28		B 27 B	13 / 00			
730	H 01 M	10 / 14		B 23 P	15 / 02	897.35	B 21 D	47 / 01	142-146	B 25 F	3 / 00		B 27 B	15 / 00			
731	H 01 M	2 / 04	890	B 21 D	51 / 16	898-898.01	B 21 K	1 / 76		B 26 B	1 / 00	381-382	B 27 B	17 / 00			
732	H 02 K	15 / 00	890.01-890.02	B 21 D	53 / 00	898-898.051	B 21 D	53 / 10		B 26 B	11 / 00	381-387	B 23 D	57 / 02			
737	G 11 C	5 / 12	890.03	B 21 D	53 / 02	898.01	B 23 P	6 / 00		B 26 B	3 / 00	382-386	B 23 D	59 / 00			
	H 01 M		890.031-890.032	B 23 P	6 / 00	898.02-898.047	B 21 K	1 / 10	147-150	A 47 J	43 / 28	383	B 27 B	17 / 02			
747	H 01 R	43 / 20	890.033-890.035	B 21 D	53 / 06	898.048-898.051	B 21 K	1 / 04	151-164	B 26 B	3 / 06	384-385	B 27 B	17 / 04			
748-750	H 01 R	43 / 00		B 21 K													

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U.S.			IPC			U.S.			IPC			U.S.			IPC		
Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation
U.S. CLASS 30--Con.																	
462	B 43 L	23/06	1SC	G 01 C	21/00	203.11	B 61 K	9/12	340-343	G 01 B	21/00		G 01 B	13/16			
475-477	B 27 C	1/10	1SD-1SP	G 06 G	1/00		G 01 B	3/14	344-346	G 01 C	17/00		G 01 B	15/04			
478-480	B 27 G	17/02	1SD	G 01 C	21/20	203.12-203.21	G 01 B	11/26		G 01 C	9/00		G 01 B	21/20			
481	B 27 G	23/00	1T	G 01 C	1/00		G 01 B	13/18	347	G 01 C	17/18		G 01 B	3/14			
482-483	B 27 G	17/02	1V	G 01 F	17/00		G 01 B	21/22		G 01 C	9/02		G 01 B	3/22			
484-486	B 27 F	1/00	2A-2R	A 41 H	1/00		G 01 B	5/24		G 01 C	9/28		G 01 B	5/20			
487-490	B 27 G	17/02	2A	D 06 H	3/00		G 01 B	7/30	348-348.2	G 01 C	17/20		G 01 B	7/28			
491	B 25 G	3/00		D 06 H	3/16	227	G 01 C	15/00		G 01 C	9/32		G 01 B	9/08			
492-493	B 27 G	17/02	2R	A 42 C	3/06		G 01 C		349	G 01 C	17/14	501.2-501.4	G 01 B	3/00			
494	B 27 L	9/00	3A-3C	A 43 D	1/00	228	F 41 G			G 01 C	9/00	501.45	G 01 B	3/50			
495	B 27 F	1/10	3R	A 43 D	1/02		G 01 B	11/275	350	G 01 C	17/18	501.5-501.6	G 01 B	3/00			
500	B 23 B	51/00		A 43 D	1/04	229-231	F 41 G	3/24		G 01 C	9/08	501.7-501.9	G 01 B	3/50			
	B 25 B	21/00		A 61 B	5/107	232	G 01 C	21/00	351	G 01 C	9/00	502	G 01 B	1/00			
501-504	B 27 B	21/00	4	A 43 D	1/00		G 01 C	23/00	352	G 01 C	17/00	503	G 01 B	5/004			
505	B 27 B	21/08	5	A 43 D	8/28	262	G 01 C	1/08	353-354	G 01 C	9/00	504-505	G 01 B	7/28			
506	B 27 B	21/02	6	A 43 D	1/00		G 01 C	15/00	354-355	G 01 C	17/00		G 01 B				
507-512	B 27 B	21/00	7	A 41 H	1/00		G 01 C	21/00	355R	G 01 C	17/04	506-514	G 01 B	1/00			
510	B 23 D	51/03		A 41 H	21/00		G 01 C	3/00		G 01 C	17/30	512	A 61 B	1/00			
512	B 23 D	51/03		A 41 H	23/00		G 01 C	5/00	356-359	G 01 C	17/38		A 61 B	5/103			
513	B 27 B	21/06	8	A 41 H	1/04		G 01 C	9/00	360	G 01 C	17/26		A 61 B	5/117			
514-525	B 27 B	21/00	9A-9R	A 41 H	23/00	263-264	G 01 C		361-362	G 01 C	17/28	513-514	A 61 B	19/04			
517	B 23 D	51/01	9A	A 41 H	9/02	263	A 63 B	69/36	363K-363R	G 01 C	17/26	514.1-514.2	A 61 B	5/00			
518	B 23 D	49/11	9R	A 41 H	1/04	264	B 60 D	1/36	363R	G 01 C	17/00		G 01 B	3/34			
526-536	B 26 B	21/00	10-11	A 41 H	1/00	265	F 41 G	1/00		G 01 C	17/36	515-519	G 01 B	1/00			
527	B 26 B	21/52	10	A 41 H	21/00	266	G 01 B	13/02	363Y	G 01 C	17/20	515	A 61 B	5/103			
529	B 26 B	21/52	11	A 42 C	3/06		G 01 C	3/00	364	G 01 C	17/08		A 61 B	5/117			
531	B 26 B	21/52	12-14	A 41 H	3/00	267	G 01 C	1/00	365	G 01 C	9/10	520	G 01 D	21/00			
535	A 45 D	27/28	15	A 41 H	1/02		G 01 C	1/02	366.11-366.27	G 01 C	15/10	521-522	E 01 C	23/01			
537-541	B 26 B	21/40		A 41 H	1/10		G 01 C	3/02		G 01 C	9/06		G 01 B	1/00			
538	B 26 B	21/50		A 41 H	3/04	268-271	G 01 C	17/34	367	G 01 C	5/04	523	G 01 B	5/28			
541	A 45 D	27/00	16	A 41 H	1/00	269-271	G 01 C	21/02		G 01 C	9/22	523.1-523.2	B 61 K	9/08			
	B 26 B	21/44		A 42 C	3/06		G 04 B	49/00	368-376	G 01 C	9/00		E 01 B	29/04			
			17A-17R	A 41 H	3/00	272-273	G 01 C	1/00	377-378	G 01 C	9/20	524-530	G 01 B	1/00			
			17R	A 42 C	1/00		G 01 C	17/00	379	G 01 C	9/24	525	G 01 B	5/24			
			18.1-18.2	B 43 L	13/00		G 01 C	3/00	380	G 01 C	9/30	531-532	G 01 B	3/56			
			18.3	B 43 L	13/14	274	G 01 C	21/22	381-383	G 01 C	9/24	531-533	G 01 B	21/22			
			19.1-19.3	B 43 L	13/24	275G	G 01 C	1/00	384-388	G 01 C	9/28	533	G 01 B	5/25			
			20.1-20.2	B 43 L	13/16		G 01 C	19/38	389	G 01 C	9/24	534-538	G 01 B	3/56			
			20.3	B 43 L	13/14		G 01 C	3/00	390	G 01 C	9/36	539-541	G 01 B	1/00			
			20.4	B 43 L	13/18	275R	G 01 C	1/04	391	G 01 C	9/12	542-543	G 01 B	3/00			
1A	G 01 C	11/00	21.1-22	B 43 L	9/00		G 01 C	23/00	392-394	G 01 C	15/10	542	G 01 B	5/00			
1AA	B 43 L	5/00	22-23.05	B 43 L	13/10		G 01 C	5/00	395	G 01 C	9/16	543	G 01 B	5/00			
1AP	B 43 L	13/00	23.06	B 43 L	13/12	281-285	G 01 C	1/00	396	G 01 C	9/12	543.1	G 01 B	13/10			
1B	G 01 B	3/00	23.07-25.5	B 43 L	13/10		G 01 C	1/02	397	G 01 C	9/14	544-544.3	G 01 B	1/00			
1BB	G 01 B	5/00	26-27.01	B 43 L	11/00		G 01 C	15/10	398-400	G 01 C	9/12	545-547	G 01 B	1/00			
	G 01 B	13/14		B 43 L	9/00	286	G 01 C	15/00	401	G 01 C	9/04	544-544.4	G 01 B	3/00			
1C	G 01 B	21/20	27.02	B 43 L	9/02	287	E 01 B	29/04	402	G 01 C	9/12	544.5-544.6	G 01 B	3/22			
1CC	G 01 B	7/004	27.03-27.033	B 43 L	9/04	288	G 01 B	5/00	403	B 43 L	7/00	545-547	G 01 B	1/00			
1CF	G 01 B	3/20	27.04-27.07	B 43 L	9/00	289	G 01 C	15/00	404-410	B 43 L	13/00	545	G 01 B	3/00			
	G 01 B	5/02	27.08	B 43 L	11/02	290-292	G 01 C	5/00		G 01 C	15/10	546-547	G 01 B	5/00			
1D	B 23 Q	16/02	27.09	B 43 L	11/06	293-294	G 01 C	15/06	411	B 43 L	7/00	548-550	G 01 B	3/14			
	B 23 Q	17/22	27.1	B 43 L	9/00	293	G 01 C	15/02	412	G 01 B	13/18		G 01 B	5/20			
	G 01 D	13/10	27.11	B 43 L	11/00	295	G 01 C	15/08	413	B 43 L	5/24	548-550	G 01 B	3/00			
1DD	G 01 C	1/00	27.12	B 23 Q	35/00	296	G 01 C	15/00		B 43 L	7/00		G 01 B	5/00			
1E	E 21 B	47/00		B 43 L	13/10	297-298	F 41 G	1/38	414	B 44 D	3/00	548	G 01 B	21/00			
1F-1G	G 01 B	3/00	28-29	B 43 L	9/00		F 41 G	1/42	415-426	B 44 D	3/38	549-550	G 01 B	1/00			
1F	B 26 B	29/00	28-30.1	B 43 L	11/00	299-300	G 01 C		418-431	B 43 L	7/10	551-555	G 01 B	5/20			
1G	B 05 C	17/06	30.2-31	B 43 L	11/04	299	F 41 G		418-431	B 43 L	13/00	551	G 01 B	3/14			
1H	G 01 C	15/00	32.1-39.2	B 43 L	13/00	300	G 01 C	1/02	427-431	B 43 L	7/00	552-555	G 10 B	3/14			
1HH	G 01 G	1/16	34-39.2	B 41 G	3/00	301	E 21 B	47/022	430-431	A 47 B	27/00	555.1	G 01 B	3/00			
	G 01 V	1/28		B 43 K	27/08		G 01 C	17/00		A 47 B	85/02	555.2	G 01 B	3/34			
	B 43 L	13/00	40	B 43 L	13/24		G 01 C	19/00		B 43 L	11/00	555.3	G 01 B	3/38			
1K	B 43 L	13/00	41.1-43	B 43 L	13/02	302	G 01 C	9/00		B 43 L	5/00	555.4	G 01 B	3/10			
1L	G 01 B	11/00	44	B 43 K	27/00	303	E 21 B	47/02	432-434	B 43 L	13/14	556-558	G 01 B	3/00			
	G 01 B	9/00	45	B 41 G	3/00		G 01 C	17/38	435	B 43 L	13/00		G 01 B	5/00			
1LE	G 01 C	15/00		B 43 K	27/08		G 01 C	19/04	436	G 01 B	3/00	558.01-558.5	G 01 B	3/16			
1M	B 23 Q	1/62	121-122	G 01 B	11/28	304-314	G 01 C	9/26	437	B 43 L	7/08	559-561	G 01 B	5/00			
	G 01 B	5/004		G 01 B	13/20	315	E 21 B	47/022	438-442	B 43 L	13/02	561.1-561.3	G 01 B	5/20			
	G 01 B	7/004		G 01 B	21/28	316-317	E 21 B	47/06	443-446	A 47 B	27/00	562-563	G 01 B	3/14			
1MP	G 01 B	5/14	123	G 01 B	5/26	317D	G 01 C	19/36		B 43 L	13/00	564-565	B 43 L	13/20			
	G 01 C	3/10	124	G 01 B	7/32	317R	G 01 C	17/38		B 43 L	5/00	566	B 43 L	7/00			
1N	G 01 B	3/56		G 01 B													