

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 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			
1D	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			
	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		G 01 B	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	413	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		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	414	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		415-426	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		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	300	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	301	G 01 C	17/00		A 47 B	85/02	555.2	G 01 B	3/34			
	G 01 V	15/00	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		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	304-314	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	315	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	316-317	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	317D	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	11/28												

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U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation
U.S. CLASS 33--Con.														
660-661	G 01 D	21/00	240	F 26 B	25/20	19.5	A 43 B	13/32	92	A 43 B	7/16	279-283	E 01 H	5/06
662	A 41 H	25/00		F 26 B	9/10		A 43 B	9/12	93	A 43 B	7/14	284-285	E 01 H	5/02
663-665	B 43 L	9/08	241	F 26 B	21/12	21	A 43 B	13/28	94	A 43 B	7/26	300	E 02 F	5/16
666-679	B 43 L	9/12	242	F 26 B	25/00	22A-22R	A 43 B	13/00	95	A 43 B	7/30	301-302	A 01 G	23/06
679.1	B 25 H	7/00	245-279	F 26 B	3/34		A 43 B	13/38	96	A 43 B	7/14	301-303	A 01 B	13/00
	E 01 B	3/00	280-281	D 06 M	11/00	22R	A 43 B	13/39	97	A 43 B	3/26	301	A 01 B	35/00
	E 01 B	3/34	282	F 26 B	5/06	23-24	A 43 B	23/20	98	A 43 B	13/22		E 01 H	1/00
700-712	A 45 B	3/08	283	A 45 D	20/00	24.5	A 43 B	13/28		A 43 B	23/16	303	A 01 B	43/00
	B 01 D		284-305	F 26 B	5/06	25A	A 43 B	13/02	99	A 43 B	13/14	304-307	E 02 F	1/00
	B 26 D	7/28	306-311	F 26 B	7/00		A 43 B	13/14	100-101	A 43 B	3/24	304	B 60 P	1/00
	G 01 B		312-328	F 26 B	5/08	25R	A 43 B	13/00	102	A 43 B	1/10	305	B 60 P	1/36
700	G 01 D	5/347	329-358	F 26 B	3/00		A 43 B	5/00	103-104	A 43 B	13/00		B 60 P	1/40
701	G 01 B	3/10	359-375	F 26 B	3/08	26	A 43 B	13/02	105	A 43 B	21/00	306	B 60 P	1/00
702	G 01 B	5/00	376-396	F 26 B	7/00	27	A 43 B	13/28	106	A 43 B		307	E 02 D	17/16
703	G 01 B	3/00	397-401	F 26 B	5/14	28	A 43 B	13/18		A 63 B	71/12		E 02 F	3/00
704	G 01 B	5/00	402-417	F 26 B	5/04	29	A 43 B	13/20	107-108	A 43 B	23/00	308-309	G 01 F	1/00
705-707	G 01 D	5/347	418-442	F 26 B	7/00	30A-30R	A 43 B	13/12	109	A 43 B	23/02	308	E 02 F	9/26
708	G 01 B	7/00	443-518	F 26 B	3/00	30A	A 43 B	13/42	110	A 43 B			G 01 D	21/00
709	G 01 B	3/18	519-522	F 26 B	3/32		A 43 B	13/14		A 61 F	5/01		G 01 D	5/00
710-711	B 23 Q	17/22	523-524	F 26 B	13/10	30R	A 43 B	13/18	111	A 61 D	9/00		G 01 F	1/76
712	G 01 B	5/02		F 26 B	21/00	32A-32R	A 43 B	13/04	112	A 43 B	3/28	309-310	G 05 B	1/00
713-721	E 21 B	47/04	525-534	F 26 B	19/00	32R	A 43 B	13/12		A 43 B	3/30	309-312	E 02 F	3/16
	G 01 B	3/02	526-534	F 26 B	13/10		A 43 B	13/22	113	A 43 B	3/00		E 02 F	3/24
	G 01 B	5/18	535-547	F 26 B	21/06	33	A 43 B	13/08	114	A 43 B	5/00	309	E 02 F	9/24
722-731	G 01 F	23/04	548-556	F 26 B	19/00	34A	A 43 B	21/20	115-116	A 43 B	5/04		G 05 D	7/00
722-733	G 01 B	3/00	557	F 26 B	21/08	34B-34R	A 43 B	21/00		A 43 B	5/16	312	G 05 B	1/00
732-733	B 65 H	61/00	558-561	F 26 B	21/06	34R	A 43 B	13/34	117.1-117.9	A 43 B	5/04	313-314	B 63 C	11/00
734-749	G 01 B	3/12	560-561	F 26 B	13/10		A 43 B	21/24		A 43 B	5/16	313	B 63 G	8/00
734-754	G 01 B	5/04	562-564	F 26 B	19/00	35A	A 43 B	21/02	118.1-118.9	A 43 B	5/04	314	B 63 C	11/48
755-771	G 01 B	3/10	565-571	F 26 B	21/00	35B	A 43 B	21/28		A 43 B	5/16		E 21 C	50/00
772-782	G 01 B	3/12	572	F 26 B	19/00	35R	A 43 B	21/06	119.1	A 43 B	5/04	315	A 01 K	73/00
	G 01 B	7/04	573-575	F 26 B	13/10		A 43 B	21/24		A 43 B	5/16		A 01 K	74/00
783-784	G 01 B	5/00	576-594	F 26 B	17/00		A 43 B	21/26	122-125	A 43 B	5/04		B 63 B	35/18
785-786	G 01 B	13/00	595-610	F 26 B	11/02	36A-36C	A 43 B	21/36		A 43 B	5/16		B 63 C	7/18
787-790	G 01 B	5/30	611-665	F 26 B	13/00	36R	A 43 B	21/37	126-127	A 43 B	5/00	316	A 01 K	75/00
	G 01 B	7/16		F 26 B	13/06		A 43 B	21/39	128	A 43 B	5/02	317	B 63 C	7/22
791	G 01 B	11/00		F 26 B	9/00		A 43 B	21/42	129-135	A 43 B	5/00		E 02 F	3/88
792-806	G 01 B	5/00	666-667	F 26 B	19/00	37	A 43 B	21/32	136-137	A 43 B	23/00	318-319	E 02 F	3/94
807-808	G 01 B	3/16		F 26 B	25/00	38	A 43 B	21/30	138	A 43 B	11/00	318	E 02 F	7/00
809	G 01 B	3/08		F 26 B	25/06	39	A 43 B	21/24	139	A 43 B	23/00	320-325	E 02 F	3/88
810-812	G 01 B	5/14				40	A 43 B	21/02	140-141	A 61 F	5/14	326	A 01 B	71/04
813-831	G 01 B	3/18				41-42	A 43 B	21/36	142	A 43 B	7/24		E 02 F	3/24
813-838	G 01 B	5/00				43-44	A 43 B	13/38	143-144	A 61 F	5/14		E 02 F	3/90
832-838	G 01 B	3/22				43-49	A 43 B	23/00	145	A 43 B	7/14		E 02 F	9/04
						50.1	A 43 C	11/00	146-162	A 61 F	5/14		F 16 C	13/00
						50.5	A 43 B	5/04	153	A 43 B	7/14	327	E 02 F	3/08
						51-53	A 43 B	11/00	163-172	A 43 B	7/14	328-329	E 02 F	3/22
						54	A 43 B	23/26	173	A 43 B	7/16	330-333	E 02 F	9/28
						55	A 43 B	23/07	174-182	A 61 F	5/14	334	E 02 F	9/10
						56	A 43 B	11/00				335-336	E 02 F	3/90
						57-58	A 43 B	23/00				337	E 02 F	3/08
						58.5-58.6	A 43 B	23/28				338	E 02 F	3/14
						59A-67D	A 43 C	15/00				339	E 02 F	3/18
						59R	A 43 B	23/28				340	B 63 C	7/20
						67R	A 43 B	13/22					E 02 F	3/47
							A 43 B	13/26				341-344	E 02 F	3/00
							A 43 C	15/16				345-346	B 63 B	21/50
						68	A 43 B	13/42				345	B 63 H	15/00
						69	A 43 B	23/08					E 02 F	9/06
						70A	A 43 C	11/00					E 02 F	9/08
						70R	A 41 D	27/14				346	E 02 F	9/18
							A 43 B	23/28				347-349	E 02 F	5/02
						71	A 43 B	19/00				348	G 05 D	1/02
						71.5	A 43 C	13/00				350	E 02 F	3/10
							A 43 C	13/22					E 02 F	5/06
						75A	A 43 C	13/00				351-352	E 02 F	5/04
						75R	A 43 B	13/24				351	E 02 F	3/06
							A 43 C	13/02				352	B 65 G	15/00
							A 43 C	13/04					B 65 G	33/00
						76C-76HH	A 43 B	23/22				353-358	E 02 F	3/08
						76R	A 43 B	13/42					E 02 F	5/06
						77M-77R	A 43 B	23/08				359-360	B 65 G	15/30
							A 43 B	7/32					E 02 F	7/00
							A 43 C	13/14				361	B 65 G	23/04
						78	A 43 B	15/00					E 02 F	9/20
						80	A 43 B	21/36				362	E 02 F	3/65
							A 43 B	23/28				363	E 02 F	3/02
						81	A 43 B	7/16				364-365	E 02 F	5/02
						82	A 43 B	21/00				366-367	E 02 D	17/13
						83	A 43 B	5/00				368-369	E 02 F	5/10
							A 43 B	1/02				370	B 65 G	15/30
						84	A 43 B	1/08					E 02 D	17/06
						85	A 43 B	1/06					E 02 D	17/13
						86	A 43 B	1/14					E 02 F	5/18
						87	A 43 B	7/14				372-380	E 02 F	5/10
						88	A 43 B	7/20				373	E 02 F	7/00
						89	A 43 B	3/30				374	B 65 G	29/00
						90	A 43 B	7/22				375-377	B 65 G	15/30
						91	A 43 B	7/22				379-380	E 02 D	17/06
							A 43 B	5/02					E 02 D	17/13