

CONCORDANCE - United States to International Patent Classification

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 83--Con.														
407-409	B 26 D	7 / 06	660	B 26 F	1 / 24	761-765	B 26 D	1 / 54	879-887	B 26 D	3 / 08	372	G 10 B	3 / 16
409.1-409.2	B 23 D	19 / 00	661	B 26 D	1 / 46		B 26 D	7 / 22		B 31 B	1 / 25	373	G 10 B	3 / 10
	B 23 D	45 / 00	662	B 26 D	1 / 00	762	B 27 B	19 / 00				374	G 10 B	3 / 18
409.1	B 27 B	13 / 00	663-678	B 26 D	1 / 12	764	B 27 B	3 / 00				375-376	G 10 D	11 / 00
	B 27 B	5 / 02	673-676	B 23 D	35 / 00	765-767	B 27 B	21 / 00				376K-376R	G 10 D	11 / 02
	B 27 B	5 / 18	679-680	B 26 D	1 / 00	766	B 27 B	13 / 00				376R-376EA	G 10 D	11 / 00
409.2	B 27 B	5 / 00	681-682	B 26 D	1 / 14	767	B 26 D	1 / 54				376R	A 01 H	5 / 02
410	B 26 D	7 / 06	683	B 26 F	1 / 12		B 26 D	7 / 22				376SM	G 10 D	11 / 02
410.7-411.7	B 26 D	7 / 00	684-691	B 26 F	1 / 14		B 27 B	27 / 06				377-379	G 10 D	7 / 12
412-425	B 26 D	7 / 06	692-693	B 26 D	1 / 12	768	B 27 B	19 / 02				380A-380B	G 10 D	7 / 06
425.1	B 02 C	11 / 04	694-697	B 26 D	1 / 00		B 27 B	3 / 00				380C	G 10 D	7 / 02
	B 26 C	23 / 02	698.11-698.41	B 26 D	7 / 26	769-774	B 26 D	7 / 00					G 10 D	7 / 04
	B 26 D	1 / 44	698.11-698.91	B 26 B		769-776	B 27 B	11 / 00					G 10 D	7 / 00
	B 26 D	7 / 20		B 26 D		776-778	B 27 B	19 / 12				380R	G 10 D	7 / 06
	B 26 D	7 / 26	698.42	B 26 D	7 / 20	777	B 27 B	19 / 10					G 10 D	9 / 04
425.2-435	B 26 D	7 / 06	698.51-698.61	B 26 D	7 / 26	778-779	B 27 B	11 / 00				382	G 10 D	7 / 06
435.11-435.27	B 23 D	15 / 00	698.71	B 21 D	37 / 04	780-781	B 27 B	3 / 00				383A-383R	G 10 D	9 / 02
	B 23 D	17 / 00	698.91	B 21 D	28 / 34	780-785	B 27 B	19 / 10				383R	G 10 D	7 / 00
	B 23 D	19 / 00	699.11-699.61	B 26 B		780	B 26 D	7 / 06					G 10 D	9 / 00
	B 26 D	7 / 06		B 26 D			B 27 B	19 / 12				384	G 10 D	7 / 02
435.2	B 27 B	13 / 00	699.11	B 23 D	35 / 00		B 27 B	29 / 02				385A	G 10 D	9 / 00
	B 27 B	3 / 28	699.21	B 23 D	51 / 10		B 27 B	31 / 04				385P-385R	G 10 D	9 / 04
436.1-436.2	B 23 D	15 / 00	699.31	B 21 D	28 / 34	782	B 27 B	19 / 02					G 10 D	9 / 00
	B 23 D	17 / 00	699.41	A 01 H	5 / 02		B 27 B	5 / 00				385R	G 10 D	7 / 08
	B 23 D	19 / 00	699.51	G 01 N	1 / 06	783-784	B 27 B	3 / 00					G 10 D	7 / 10
436.1-436.9	B 26 D	7 / 06	699.61	B 26 D	7 / 26	783	B 27 B	11 / 08				387R	G 10 D	9 / 00
436.3-436.9	B 23 D	25 / 00	701	B 26 D	1 / 00	786	B 27 B	11 / 00					G 10 D	9 / 02
437.1-437.7	B 23 D	25 / 00	703-707	B 26 D	7 / 06	788-790	B 23 D	53 / 00					G 10 D	9 / 04
437.1-450	B 26 D	7 / 06	703	B 23 D	19 / 00		B 23 D	55 / 00				389-394	G 10 D	7 / 10
440.1	B 23 D	19 / 00		B 27 B	5 / 18		B 27 B	13 / 00				395-397	G 10 D	7 / 10
	B 26 D	1 / 14	704-707	B 27 B	5 / 02	790	B 27 B	15 / 06				398-399	G 10 D	9 / 02
440.2	B 27 B	3 / 28	704	B 27 B	5 / 16	792	B 26 D	1 / 46				400	G 10 D	9 / 06
441.1	B 27 B	11 / 02	706	B 27 B	5 / 18		B 27 B	15 / 02				401	G 10 D	7 / 10
	B 27 B	11 / 04	707-708	B 27 B	31 / 04	793-794	B 27 B	13 / 00				402-410	G 10 D	13 / 08
	B 27 B	13 / 10	707	B 27 B	29 / 04		B 27 B	15 / 06					G 10 D	13 / 02
451-468.94	B 26 D	7 / 02	708-709	B 27 B	29 / 02	793-795	B 23 D	53 / 00				419	G 10 D	13 / 04
466	B 26 D	7 / 04	709-712	B 27 B	31 / 02		B 23 D	55 / 00				420-422.4	G 10 D	13 / 02
468	B 26 D	7 / 01	709-733	B 26 D	7 / 06	794	B 27 B	5 / 00					G 10 D	3 / 12
469-471.3	B 26 D	1 / 14	710-713	B 27 B	31 / 04	795-799	B 27 B	17 / 00				452P-452R	G 10 D	1 / 00
469-494	B 23 D	19 / 00	711	B 27 B	29 / 02	796-797	B 27 B	13 / 04				452P	G 10 D	13 / 00
471	B 23 D	33 / 02	714-716	B 27 B	29 / 04	796-798	B 27 B	15 / 02				452R	B 27 N	5 / 00
471.1-471.3	B 27 B	5 / 00	717-720	B 23 D	19 / 00	796-803	B 26 D	1 / 46				453	G 10 D	9 / 00
471.2-471.3	B 27 B	27 / 06		B 23 D	45 / 00	796	B 27 B	3 / 28					G 10 G	
	B 27 B	5 / 18	717	B 26 D	1 / 44	797	B 27 B	13 / 00				454-457	G 10 G	7 / 02
472-477	B 23 D	33 / 02		B 27 B	31 / 04	798-802	B 23 D	53 / 00				458-460	G 10 G	7 / 00
477.1	B 26 D	1 / 14	718-728	B 27 B	29 / 08		B 23 D	55 / 00				461	G 10 G	3 / 00
	B 27 B	5 / 00	721	B 26 D	1 / 46	800	B 27 B	15 / 02				462	G 10 G	3 / 04
	B 27 B	5 / 34		B 27 B	29 / 02	801	B 27 B	17 / 00				463	G 10 G	3 / 00
477.2	B 26 D	1 / 18	728	B 27 B	5 / 18	802-803	B 27 B	13 / 00				464A-464R	A 63 J	17 / 00
	B 27 B	27 / 04	729-730	B 23 D	19 / 00	802	B 27 B	15 / 02				464R	A 63 J	5 / 10
	B 27 B	3 / 28		B 23 D	45 / 00	804-806	B 27 B	15 / 08					G 10 H	1 / 00
478-482	B 26 D	1 / 14	730	B 27 B	29 / 08	804	B 26 D	1 / 00				465-469	G 09 B	15 / 06
483-490	B 26 D	1 / 18		B 27 B	5 / 18	805-806	B 27 B	13 / 00				470P-470R	G 09 B	15 / 00
491-494	B 26 D	1 / 14	731-733	B 27 B	3 / 00	805	B 26 D	1 / 46					G 09 B	15 / 02
495-504	B 26 D	1 / 24	731	B 27 B	29 / 04	806-807	B 26 D	1 / 00				470R	G 09 B	15 / 04
495-507	B 23 D	19 / 04	734	B 23 Q	3 / 16	808-811	B 27 B	13 / 14				477B	G 10 G	7 / 00
505-506	B 26 D	1 / 22		B 26 D	5 / 20	808-820	B 26 D	1 / 46				477R	G 09 B	15 / 00
507	B 26 D	1 / 24		B 27 B	29 / 02		B 27 B	13 / 00					G 09 B	15 / 02
508	B 23 D	19 / 02		B 27 B	3 / 28	808	B 23 D	53 / 00					G 10 H	1 / 00
	B 26 D	1 / 20	743-744	B 27 B	11 / 00		B 23 D	55 / 00				478-482	G 09 B	15 / 08
508.1-508.2	B 23 D	19 / 00	743-745	B 26 D	5 / 00	812	B 27 B	13 / 04				483.1	G 09 B	15 / 00
508.1-508.3	B 26 D	1 / 14	743	B 27 B	5 / 00	813	B 27 B	15 / 02				483.2	G 09 B	15 / 02
	B 27 B	5 / 00	745	B 27 B	17 / 00	814-815	B 23 D	53 / 00				484-485	G 09 B	15 / 00
	B 27 B	5 / 34		B 27 B	21 / 00		B 23 D	55 / 00				485R	G 09 B	15 / 06
509-512	B 26 D	1 / 02		B 27 B	3 / 00	814	B 27 B	3 / 28					G 10 G	1 / 02
513-514	B 26 D	11 / 00		B 27 B	5 / 18	815	B 27 B	13 / 14				486-521	G 10 G	7 / 00
515-518	B 26 D	9 / 00	746	B 23 D	7 / 00	816	B 27 B	15 / 08				600-601	G 10 H	1 / 00
519	B 26 D	11 / 00		B 27 B	19 / 00	821-829	B 26 D	5 / 00				600	G 10 H	
520-521	B 26 D	7 / 00	747-748	B 27 B	3 / 00		B 27 B	11 / 02				601-608	G 11 C	
522.11-522.29	B 26 D	7 / 27	747-761	B 26 D	7 / 00	823	B 27 B	3 / 00				601-638	G 10 H	7 / 00
	B 26 D	7 / 28	747	B 27 B	19 / 10	824	B 27 B	17 / 00				601	H 03 M	
523-581	B 26 D	5 / 08	749-750	B 27 B	11 / 00		B 27 B	13 / 10				605	G 10 H	7 / 04
581.1	B 26 D	5 / 00		B 27 B	15 / 06	825-828	B 27 B	13 / 10				606	G 10 H	1 / 00
	B 27 B	19 / 10	749	B 27 B	3 / 28	829-834	B 26 D	1 / 46				607	G 10 H	7 / 08
582-601	B 26 D	5 / 08	750	B 27 B	19 / 10	830-835	B 27 B	33 / 02				608	G 10 H	7 / 10
602	B 26 D	5 / 16	751	B 23 D	19 / 00	835-855	B 23 D	57 / 00				609	A 63 H	5 / 00
603	B 26 D	5 / 08		B 23 D	45 / 00	835	B 27 B	13 / 02					G 04 B	13 / 00
604	B 26 D	5 / 18		B 27 B	3 / 00	836-837	B 27 B	33 / 12				610	G 10 H	1 / 36
605-627	B 26 D	5 / 08	752-753	B 27 B	19 / 10	836-855	B 27 B	33 / 02				611	G 10 H	1 / 40
628	B 26 D	5 / 16	752	B 27 B	11 / 00	836	B 23 D	59 / 00				613	G 10 H	1 / 38
629	B 26 D	5 / 08	754-756	B 27 B	11 / 00	840-845	B 27 B	33 / 12				615	G 10 H	1 / 00
630	B 26 D	5 / 18	754	B 23 D	45 / 00	856-858	B 26 D	1 / 02					G 10 H	1 / 18

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U.S. CLASS 84--Con.														
631	G 10 H	1/10	741-742	G 10 H	3/12	49	D 04 C	3/48	41.01	F 41 G	3/00	183-186	F 41 A	
632	G 10 H	1/02	741	G 10 H	1/46	50-51	D 04 C	3/02	41.02	F 41 A	27/00		F 41 C	
633	G 10 H	1/46	742	G 10 H	1/18	52	D 04 C	1/00		F 41 G	5/00		F 41 F	
	H 03 G	3/00	743-744	G 10 H	1/32		D 04 C	7/00	41.03	F 41 G	3/08	183	F 41 A	3/40
634	G 10 H	1/36	743-746	G 10 H	3/00	53	D 04 G	1/08		F 41 G	3/12	184	F 41 A	3/32
635	G 10 H	1/40	745	G 10 H	1/34		D 04 G		41.04	F 41 A	27/00	185	F 41 A	3/26
637	G 10 H	1/38	746	G 10 H	1/32	54	D 04 C	3/48	41.05-41.07	F 41 G	5/06	186	F 41 A	3/34
638	G 10 H	1/28				55-57	D 04 C	3/14	41.06	F 41 G	1/32	187.01-187.02	F 41 A	3/00
639-640	G 10 H	3/06				58-60	D 04 C	7/00	41.07	F 41 G	5/08	188	F 41 A	3/26
641	G 10 H	3/08				61	B 21 D	49/00	41.08	F 41 G	5/12		F 41 A	
642	G 10 H	3/09				62	D 04 C		41.09	F 41 G	5/14		F 41 C	
643	G 10 H	3/10					D 04 C		41.11	F 41 G	3/10		F 41 F	
644	G 10 H	1/32					D 04 C	3/36	41.12	F 41 G	5/04	189	F 41 A	3/00
645	G 10 H	7/00							41.13	F 41 G	3/04	190	F 41 A	3/40
646	G 10 H	1/18							41.14-41.15	F 41 G	5/20		F 41 A	
647	G 10 H	5/00							41.16	F 41 G	5/02		F 41 C	
648	G 10 H	5/06							41.17-41.19	F 41 G	1/00		F 41 F	
649-650	G 10 H	5/00							41.21-41.22	F 41 G	5/18	191.01-191.02	F 41 A	5/00
649	A 63 H	5/00							42.01-44.02	F 41 A	25/00	192	F 41 A	5/18
	G 10 H	1/26							42.02	F 41 A	23/00		F 41 A	
650	G 10 H	1/36							45-47	F 41 A	9/00		F 41 C	
651	G 10 H	1/40							45	F 41 A	9/16		F 41 F	
652-658	G 10 H	5/00								F 42 B		193	F 41 A	5/00
653	H 04 Q	1/18							47	F 41 A	15/00	194-195	F 41 F	
655	H 04 J	3/00								F 41 A	9/39	194-199	F 41 A	
656	G 10 H	1/22							125	F 41 A	3/00		F 41 C	
657	H 02 M	5/00								F 41 F	1/00	194	F 41 A	3/54
658	G 01 P	3/00							126	F 41 F	1/10	195	F 41 A	17/38
659	G 10 H	5/02							127-128	F 41 A		196	F 41 A	3/86
660-675	G 10 H	5/00								F 41 C	27/00	197-199	F 41 F	
660	G 10 H	1/08								F 41 F	1/00	197	F 41 A	3/82
661	G 10 H	1/12							127	F 41 A	19/21	198	F 41 A	3/78
	H 03 H	7/01							128	F 41 A	11/02	199	F 41 A	3/82
662-663	G 10 H	1/02							129.01-129.02	F 41 A	19/02	200-206	F 41 G	5/00
664	G 10 H	1/10								F 41 A	19/67			
665	G 10 H	1/46							130-131	F 41 A	19/00			
666	G 10 H	1/36							132	F 41 A	19/31			
667-668	G 10 H	1/40								F 41 A				
669	G 10 H	1/38								F 41 F	1/00			
670	G 10 H	1/32							133	F 41 A	19/05			
671	G 10 H	1/00							134-138	F 41 A				
	H 03 B									F 41 C				
675	G 10 H	5/06								F 41 F				
	H 03 B								134	F 41 A	17/08			
676	G 10 H	5/04							135-138	F 41 A	19/64	4A-4R	B 66 F	7/18
677-717	G 10 H	5/00							136-138	F 41 A	19/31	4A	B 66 F	3/24
678	G 10 H	1/18							137	F 41 A	17/36		B 66 F	3/25
	G 10 H	1/38							138	F 41 A	17/38	4R	E 21 B	33/035
	H 04 Q								139-147	F 41 A	5/00		F 15 B	11/072
682	H 04 J	3/00								F 41 A	9/01	5	F 15 B	21/00
684	G 10 H	1/22								F 41 A	9/38	6-8	F 01 B	25/02
685	G 10 H	1/20								F 41 C	3/00	6.5	F 01 B	1/00
686	G 10 H	1/24								F 41 C	7/00		F 01 B	13/04
687	G 01 P	3/00							148-179	F 41 A			F 01 B	3/00
688	G 01 P	3/42								F 41 C		9	F 01 B	29/04
689	G 01 P	3/483							148	F 41 F		10	F 01 B	25/04
690	G 01 P	3/42							149-150	F 41 A	17/74	11	F 01 B	29/04
691	H 03 F	1/26							151	F 41 A	19/31	12-15	F 01 L	29/06
692	G 10 H	1/06							152	F 41 A	19/28	16	F 01 B	25/02
694-696	G 10 H	1/04							153	F 41 A	3/40	17	F 01 B	25/06
694	A 63 J	17/00							154	F 41 A	3/38	18	F 01 B	25/04
	H 03 C								154	F 41 A	3/26	19-21	F 01 B	25/02
695	H 03 C	1/00							155	F 41 A	9/27	22-27	F 15 B	15/22
696	H 03 C	3/00							156-157	F 41 A	5/24	28-33	F 15 B	13/04
697-698	G 10 H	1/08							157	F 41 C	3/14	34	F 01 B	29/04
699-700	G 10 H	1/12							158	F 41 A	9/28	35-40	F 15 B	21/02
701-707	G 10 H	1/02							159	F 41 A	5/30	41-45	F 15 B	15/26
708	G 10 H	1/10							160	F 41 A	1/10	46	F 01 B	31/10
709	G 10 H	1/30								F 41 F	1/10	47-49	F 15 B	13/02
710	G 10 H	1/02							161	F 41 A	5/16	50	F 01 L	15/02
711	G 10 H	1/46							162	F 41 A	3/40	51-52	F 15 B	13/02
712	G 10 H	1/36							163	F 41 A	5/04	53	F 02 N	7/00
713	G 10 H	1/40							164	F 41 A	3/26	54	F 01 B	29/04
715	G 10 H	1/38							165	F 41 A	3/66	55	F 01 B	23/00
716	G 10 H	1/28							166	F 41 A	3/26	59	F 01 C	20/24
717	G 10 H	1/30							167	F 41 A	3/10	61	F 01 B	13/00
718-719	G 10 H	1/32							168	F 41 A	3/40	151-156	F 01 B	1/00
720	G 10 H	1/34							169	F 41 A	5/08	151	F 04 B	19/14
721	G 10 H	1/32							170	F 41 A	3/44	157-158	F 01 L	15/14
722	G 10 H	1/18							171	F 41 A	3/32	159-166	F 01 B	1/00
723	G 10 H	3/00							172	F 41 A	3/26	167A	F 15 B	11/18
724	G 10 H	3/06							173	F 41 A	3/46		F 15 B	15/12
725	G 10 H	3/14							174	F 41 A	3/26	167R	F 15 B	11/12
726	G 10 H	3/18							175	F 41 A	3/50		F 15 B	15/16
727-728	G 10 H	3/14							176	F 41 A	3/38		F 15 B	15/24
729	G 10 H	3/16							177	F 41 A	25/06	168	F 15 B	11/18
730	G 10 H	3/14							178	F 41 A	3/82	169	F 01 B	7/20
731	G 10 H	3/18							179	F 41 A	5/24	170MP	E 21 D	23/16
732	G 10 H	3/16							180	F 41 A	3/00		E 21 D	23/18
733-734	G 10 H	3/14							181	F 41 A	3/40		E 21 D	23/26
733	G 10 H	3/10								F 41 A		170R	F 01 B	1/00
735	G 10 H	1/06								F 41 C			F 01 B	7/00
736	G 10 H	1/12								F 41 F		171	F 01 B	25/04
737-740	G 10 H	1/02							182	F 41 A	3/00		F 15 B	11/22