

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 60--Con.																	
547.1-547.3	B 60 T	13/00	658	F 01 K	7/24		F 02 G	3/00	59	F 25 D	3/00	215	F 25 B	1/00			
548	B 60 T	13/12	659	F 01 K	1/00	725	F 02 C	7/24	60	B 65 B	63/08	216-225	F 25 B	41/04			
549-559	B 60 T	13/20		F 01 K	3/00	726-734	F 02 C	1/00	61	B 60 H	1/32	226-230	F 25 B	1/00			
560	F 15 B	7/00	660	F 01 K	13/02		F 02 G	3/00	62	F 25 D	25/00		F 25 B	49/00			
561	B 60 T	11/06	661	F 01 K	9/00	735	F 02 C	3/16	63	F 25 D	13/06	231	F 25 B	19/00			
	B 60 T	11/24	662	F 01 K	7/06	736	F 02 C	7/08	64	F 25 D	17/02	232	F 25 B	17/00			
562	B 60 T	11/20	663	F 01 K	7/22	737	F 02 C	1/00	65	F 25 D	13/04	233	F 25 C	1/00			
563	B 60 T	13/58	664	F 01 K	11/00		F 02 G	3/00	66	F 25 C	1/00	234	F 25 D	21/00			
564	B 60 T	11/34	665	F 01 K	13/02	738	F 02 C	7/08	67-70	F 25 C	1/18	235	A 63 C	19/10			
565-566	B 60 T	17/00		F 22 D		739-760	F 02 C	1/00	71	F 25 C	5/02	235.1-236	F 25 B	27/00			
567-568	B 60 T	7/00	666	F 01 K	7/42		F 02 G	3/00	72	F 25 C	5/06	237	F 25 D	15/00			
569	B 60 T	17/16	667	F 01 K	7/40	761	F 02 K	3/10	73	F 25 C	5/08	238.1-238.7	F 25 B	27/00			
570-571	F 15 B	7/00		F 22 D		762	F 02 K	3/105	74-75	F 25 C	1/00	239	B 60 H	1/32			
572-573	F 15 B	7/10	668	F 01 K	15/00	763-766	F 02 K	3/10	76	F 25 C	1/24	240	B 63 B	25/26			
574-578	B 60 T	11/08	669	F 01 K	11/00	767-769	F 02 K	7/08	77	F 25 B	45/00	241-244	B 60 H	1/32			
	F 15 B	7/04	670	F 01 K	23/06		F 02 K	7/10	78	F 24 F	3/16	245	B 60 P	3/20			
579	F 15 B	3/00		F 01 K		770-771	F 02 K	1/00	79	F 25 B	7/00	246-257	A 47 F	3/04			
	F 15 B	7/08	671	F 01 K	25/00	772	F 02 C	1/00	80	F 25 D	21/00	258-263	F 25 D	23/12			
580	B 60 T	11/24	672	F 01 K	25/10	773	F 02 C	9/00	81	F 25 B	41/00	264	F 25 D	23/00			
	F 15 B	7/00	673	F 01 K	25/06	774	F 02 C	6/00	82	F 25 D	21/12	265-266	F 25 D	23/02			
581	F 15 B	7/00	674	F 01 K	21/04	775	F 02 C	3/30	83	F 25 B	43/00	267	F 25 D	29/00			
582	B 60 T	11/32	675	F 01 K	7/00	776-778	F 02 C	7/22	84	F 25 B	43/02	268-270	F 25 B	19/00			
	B 60 T	17/18	676	F 01 K	13/00		F 02 C	7/26	85	F 25 B	47/00	271	F 25 D	23/00			
583	F 15 B	7/00	677	F 01 K	13/00	779	F 02 C	7/00	86-88	F 25 B	9/00	272	F 25 D	21/00			
584	B 60 T	11/30		F 01 K	17/00		F 02 C	9/46	89-97	F 25 D	17/06	273-274	F 25 D	23/06			
	F 15 B	7/10	678	F 01 K	7/34	780-781	F 02 C	6/18	98-99	F 25 D	17/02	275-276	F 25 D	21/06			
585-588	B 60 T	11/26	679-680	F 01 K	7/22	782	F 02 C	6/08	100	F 25 B	19/00	277-280	F 25 B	47/00			
	F 15 B	7/08	681	F 01 K	19/00	783	F 02 C	7/00	101-105	F 25 B	15/00	281	F 25 D	21/14			
589	B 60 T	11/28	682-684	F 01 K	25/02	784-785	F 02 C	6/04	106	F 25 B	17/00	282	F 25 D	21/10			
	F 15 B	7/08		F 02 C	1/04	786	F 02 C	7/26	107-108	F 25 B	15/00	283	F 25 B	5/00			
590	F 16 D	65/74	685	F 01 B	31/16	787	F 02 C	7/268	109	F 25 B	15/16	284	F 25 D	21/06			
591	F 15 B	7/00		F 01 K	17/00	788	F 02 C	7/275	110-111	F 25 B	15/10	285-291	F 25 D	21/14			
592	F 15 B	7/10		F 01 K	9/00	789	F 02 C	7/272	112	F 25 B	15/00	292	F 25 B	45/00			
593	F 15 B	15/18		F 28 B		790	F 02 C	7/22	113	F 25 B	41/00	293	F 25 D	3/00			
594	B 60 T	7/02	686	F 01 K	17/00		F 02 C	7/26	114	C 09 K	5/04	294	F 25 D	3/10			
	F 15 B	7/08		F 22 D	5/00		F 02 C	9/26		F 25 B		295-299	F 25 D	19/00			
595	F 02 B	71/04		F 28 B	11/00	791-792	F 02 C	3/10	115-116	F 25 B	1/00	300-301	F 25 C	1/24			
596	F 02 B	71/02	687	C 09 B			F 02 C	6/00	117	F 25 B	5/00	302	F 25 D	23/00			
597	B 60 K	6/20		F 01 B	31/06	793-795	F 02 C	9/00	118	F 25 D	17/02	303	A 23 L	3/36			
598	F 02 B	33/44		F 01 K	11/02	796-800	F 02 C	7/20	119	F 25 D	15/00		F 28 G				
599	F 02 B	29/04		F 28 B		801-803	F 02 C	6/00	120	F 25 D	13/04	304-305	F 28 D	5/00			
600-603	F 02 D	23/00	688	F 01 K	19/10	804	F 02 C	3/06	121	F 28 C	1/00	306	B 01 F	3/04			
604	F 01 K	23/06		F 28 B	3/00		F 02 C	3/14	122	F 25 B	41/00	307-308	F 25 C	1/18			
	F 01 K	23/14	689	F 01 D	5/08	805	F 02 C	3/04	123-124	B 01 D	9/04	309	F 25 D	17/04			
	F 02 B	37/16		F 01 K		806	F 02 C	7/12		C 02 F	1/22	310-311	F 28 D	5/00			
	F 02 G		690	F 01 K	17/00	900	F 02 D		125-127	F 25 B	49/00	312-313	F 25 D	3/02			
605.1-612	F 02 B	33/44		F 01 K	9/00	901	F 01 C		128	F 25 D	21/02	314	F 28 D	5/00			
613-617	F 02 G	3/00		F 02 B	1/00	905	B 65 H		129-130	G 01 K	13/00	315	F 28 C	1/00			
618	F 01 K	23/10	691	F 01 K	7/34	906	F 02 B		131-132	F 25 B	49/00	316	F 28 D	5/00			
619-624	F 02 G	3/00		F 22 D	1/00		F 02 D		133-134	B 60 H	1/32	317	F 25 D	17/04			
625-631	F 02 N	9/00	692	F 01 K	9/02		F 02 G		135	F 25 C	1/00	318	F 25 D	3/02			
632-638	F 01 B	29/08		F 22 D	11/02		F 02 K		136	A 23 G	9/00	319	F 25 D	17/02			
	F 02 N	13/00		F 22 D	5/18	907	F 15 B		137-139	F 25 C	1/00	320	F 25 C	5/02			
639	F 03 B	7/00	693	F 28 B	7/00	908	B 05 C		140	F 25 D	21/02	321	F 25 C	5/00			
	F 03 G	3/04	694	F 01 B	31/16		D 06 F		141	F 25 B	15/00	322	F 25 B	25/00			
640	F 03 B	17/06		F 01 B	31/30		F 02 K		142-147	F 25 B	17/00	323.1-323.4	F 25 B	27/00			
641.1	F 01 K	27/00	695	F 01 B	31/00	909			148	F 25 B	15/00	324.1-324.6	F 25 B	13/00			
	F 03 G	7/00	696	F 01 B	31/00				149	F 25 B	45/00	325	F 25 B	29/00			
641.11-641.15	F 03 G	6/00		F 01 D	25/30				150	F 25 D	21/00	326	F 25 B	27/00			
	F 03 G	7/00	697	F 01 D	25/30				151-156	F 25 D	21/06	327-328	B 60 H	1/32			
641.2-641.4	F 03 G	7/00	698	F 01 B	21/04	1	F 25 C		157-158	G 05 D	23/32	329	F 25 D	23/00			
641.5	F 01 K	27/00		F 01 K	23/00	3.1	F 25 D	3/08	159	F 25 B	29/00	330	F 25 D	13/00			
	F 03 G	7/00		F 02 B	73/00	3.2-3.7	F 25 B	21/00	160	F 25 B	13/00	331	F 25 D	15/00			
641.6-641.7	F 03 G	7/04	699	F 01 B	21/04	4	F 25 D	5/00	161-164	F 25 D	29/00		F 25 D	23/12			
	F 03 G	7/06	700-702	F 01 B	21/04	5	F 25 B	9/02	165-168	F 25 D	3/12	332	F 25 B	25/00			
641.8	B 60 K	16/00		F 02 D	25/02	6	F 25 B	9/00	169	F 25 B	19/00	333	F 25 D	17/00			
	B 60 L	8/00	703-706	F 01 B	21/04	7	F 25 B	19/00	170	F 25 B	19/02	334	F 25 D	11/02			
	F 03 G	6/00		F 02 B	25/00	45.1	F 17 C	3/08	171	F 28 D	3/00	335	F 25 B	7/00			
641.9	F 03 G	6/00		F 02 B	73/00		F 17 C		172	F 28 B	9/00	336	F 25 D	25/00			
642	F 01 K	1/04	707	F 01 B	21/04		F 17 C		173	F 25 B	29/00	337-339	F 25 D	23/12			
643	F 01 K	27/00		F 02 B	73/00	46.1-46.3	F 17 C	11/00	174	F 25 B	41/00	340	F 25 C	1/22			
	F 01 K		708	F 02 D	25/00	47.1	F 17 C	5/02	175	F 25 B	7/00		F 25 C				

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U.S. Subclass	IPC Subclass Notation	U.S. Subclass	IPC Subclass Notation	U.S. Subclass	IPC Subclass Notation	U.S. Subclass	IPC Subclass Notation	U.S. Subclass	IPC Subclass Notation	U.S. Subclass	IPC Subclass Notation			
U.S. CLASS 62--Con.														
401-403	F 25 D	9 / 00	33-43	A 44 C	25 / 00	54-55	C 03 B	23 / 00	135.2-135.4	C 03 B	5 / 18		C 03 B	29 / 00
404	F 25 D	17 / 04				56	C 03 B	33 / 00	135.6	C 03 B	5 / 02	243	C 03 B	21 / 00
405	F 25 D	17 / 08				57	C 03 B	29 / 00	135.7	C 03 B	5 / 027		C 03 B	25 / 00
406-410	F 25 D	17 / 04				58	C 03 B	23 / 24	135.8	C 03 B	5 / 02		C 03 B	27 / 00
411-412	F 25 D	17 / 06				59.1-59.7	C 03 C	27 / 02	135.9	C 03 B	3 / 00		C 03 B	31 / 00
413	F 25 D	17 / 04	17.1	C 03 B	19 / 10	60.1-60.8	C 03 C	17 / 00	136.1	C 03 B	1 / 00		C 03 B	33 / 00
414	F 25 D	17 / 06				61	C 03 C	19 / 00	136.2	C 03 B	3 / 00	245	C 03 B	13 / 00
415-418	F 25 D	17 / 04	17.2	C 03 B	8 / 00	62	C 03 B	23 / 025	136.3	C 03 B	5 / 00	246-251	C 03 B	11 / 00
419	F 25 D	17 / 06	17.3	C 03 B	19 / 01				136.4	C 03 B	5 / 23	252	C 03 B	29 / 00
420-425	F 25 D	3 / 02							137	C 03 B	5 / 00	253-254	C 03 B	13 / 00
426-429	F 25 D	17 / 06	17.4	C 03 B	19 / 06	63-64	C 03 B	23 / 00	138-140	C 03 B	23 / 07	255	C 03 B	13 / 06
430	F 25 D	11 / 00	17.5-17.6	C 03 B	19 / 00				141	C 03 B	5 / 23		C 03 B	13 / 08
431-432	F 25 D	11 / 02	19-20	C 03 B	19 / 08				142-143	C 03 B	13 / 14	256-257	C 03 B	13 / 00
433	F 25 D	11 / 04				63	C 03 B	21 / 00		C 03 B	19 / 10	258-259	C 03 B	19 / 02
434-436	F 25 D	17 / 02								C 03 C	27 / 00	260	C 03 B	9 / 04
437	F 25 D	11 / 00	21.1-21.5	C 03 B	19 / 10					C 03 C	29 / 00		C 03 B	9 / 44
438-439	F 25 D	11 / 04				65	C 03 B	29 / 00	144	C 03 B	19 / 06	261-267	C 03 B	9 / 00
440	F 25 D	11 / 00				66	C 03 B	29 / 00	145	C 03 B	7 / 14	268-274	C 03 B	23 / 00
441	F 25 D	11 / 02							146-151	C 03 B	13 / 10	269-274	C 03 B	29 / 00
442	F 25 D	13 / 02	22	C 03 B	19 / 08					C 03 B	13 / 12	275-283	C 03 B	23 / 04
443-447	F 25 D	11 / 02	23	C 03 C	19 / 00				146-152	C 03 C	27 / 00	284	C 03 B	29 / 00
448	F 25 D	19 / 02								C 03 C	29 / 00	285-286	C 03 B	23 / 00
449-450	F 25 D	19 / 00							152	C 03 B	23 / 20	287-291	C 03 B	23 / 02
451	F 25 D	23 / 06	24-26	C 03 B	35 / 00					C 03 B	33 / 08	292-299	C 03 B	23 / 04
452-456	F 25 D	19 / 00								C 03 B	9 / 42		C 03 C	23 / 00
457.1-457.8	F 25 D	3 / 08	27	C 03 B	3 / 02	67	C 03 B	9 / 10	153	C 03 B	23 / 13	300-301	C 03 B	9 / 00
457.9	F 17 C	13 / 00				68-69	C 03 B	9 / 00	154-155	C 03 C	27 / 02	302	C 03 B	19 / 04
	F 25 B	21 / 00				70	C 03 B	9 / 46		C 03 C	29 / 00	303-304	C 03 B	7 / 14
458	F 25 D	13 / 00	28	C 03 B	23 / 00	71-76	C 03 B	7 / 00	155	C 03 B	23 / 207	305-311	C 03 B	11 / 00
459-464	F 25 D	3 / 02				71	C 03 B	11 / 02	156	C 03 B	23 / 20	312	C 03 B	11 / 02
465-466	F 25 D	25 / 00							157-158	C 03 B		313-318	C 03 B	11 / 00
467	F 25 B	23 / 00								C 03 C		319	C 03 B	11 / 12
	F 25 B	23 / 00								C 03 B	37 / 014	320-322	C 03 B	11 / 00
468-473	F 25 B	43 / 02	29.1	C 03 B	5 / 24	72-76	C 03 B	11 / 04	158	C 03 B	9 / 41	323	C 03 B	11 / 16
474	F 25 B	43 / 00	29.11	C 03 B	9 / 41	72-81	C 03 B	9 / 00		G 01 D			C 03 B	9 / 40
475	F 25 B	43 / 04				82	C 03 B	23 / 04		G 08 B		324-331	C 03 B	5 / 26
476	F 25 B	15 / 00	29.12	C 03 B	11 / 08				159	C 03 B	9 / 40		C 03 B	7 / 00
477	F 25 B	17 / 00				83-85	C 03 B	11 / 00		F 16 P		324	C 03 B	17 / 00
478	F 25 B	17 / 02	29.13	C 03 B	18 / 20					G 03 C		332	C 03 B	7 / 10
479	F 25 B	17 / 06	29.14	C 03 B	18 / 02					G 03 C		333	C 03 B	17 / 00
480	F 25 B	17 / 08	29.15	C 03 B	18 / 20	83	C 03 B	15 / 00	160-164	G 12 B	1 / 00		C 03 B	5 / 26
481-482	F 25 B	17 / 00	29.16	C 03 B	3 / 00				160-165	C 03 B		334	C 03 B	7 / 10
483	F 25 B	15 / 00	29.17-29.18	C 03 B	5 / 26					C 03 C		335	C 03 B	3 / 00
484	F 25 B	15 / 12	29.19	C 03 B	18 / 18					C 03 B	9 / 41	336	C 03 B	5 / 00
485-489	F 25 B	15 / 00	29.21	C 03 B	18 / 22	86-88	C 03 B	15 / 14	161	C 03 B	9 / 38	337-338	C 03 B	5 / 16
490-493	F 25 B	15 / 10	30.1-30.14	C 03 C	15 / 00				162	C 03 B	5 / 24	339-345	C 03 B	5 / 20
494	F 25 B	37 / 00	31	C 03 C	17 / 00				163	C 03 B	9 / 41	346	C 03 B	5 / 16
495-497	F 25 B	33 / 00				89-97	C 03 B	17 / 00	164-165	C 03 B	7 / 16	347	C 03 B	5 / 00
498	F 25 B	1 / 00				90-96	C 03 B	15 / 00		B 07 B		348-351	C 03 B	27 / 00
499	F 25 B	3 / 00							166	C 03 B	21 / 04	352-354	C 03 B	7 / 14
500	F 25 B	1 / 06	32.1-32.5	C 03 B	37 / 00					C 03 B	23 / 26	352-356	C 03 B	15 / 00
501-502	F 25 B	1 / 00	33.1-33.2	C 03 B	27 / 012					C 03 B	33 / 10	355-356	C 03 B	11 / 12
503	F 25 B	43 / 00				90-97	C 03 B	13 / 00	167-168	C 03 B			C 03 B	13 / 00
504	F 25 B	39 / 02				97	C 03 B	15 / 02		C 03 C			C 03 B	17 / 00
505	F 25 B	31 / 00	33.3	C 03 C	10 / 16				167	C 03 B	9 / 16		C 03 B	18 / 00
506-509	F 25 B	39 / 04	33.4	C 03 B	32 / 00				168	B 08 B			C 03 B	19 / 00
510	F 25 B	1 / 10				98	C 03 B	13 / 10		C 03 B	9 / 193		C 03 B	21 / 00
511	F 25 B	41 / 06							169	C 03 B	40 / 00		C 03 B	23 / 00
512	F 25 B	43 / 00	33.5	C 03 C	8 / 00	99.1-101	C 03 B	13 / 00	170-173	C 03 B			C 03 B	25 / 00
513	F 25 B	41 / 00	33.6	C 03 C	17 / 04	99.1-99.6	C 03 B	18 / 02		C 03 C			C 03 B	27 / 00
515-526	F 25 B	39 / 02				102-110	C 03 B	21 / 00	170	C 03 B	40 / 027		C 03 B	29 / 00
527-528	F 25 B	41 / 06	33.7	C 03 C	10 / 10					F 16 N	1 / 00		C 03 B	31 / 00
529	F 25 D	3 / 10	33.8	C 03 C	10 / 12					F 16 N	17 / 00		C 03 B	33 / 00
530	F 25 D	3 / 08	33.9	C 03 C	1 / 00				171-173	F 16 B			C 03 B	35 / 00
531	F 25 B								171	C 03 B	9 / 16		C 03 B	9 / 38
	F 25 C	1 / 24	34	C 03 B	29 / 00	102-111	C 03 B	31 / 00	172	C 03 B	5 / 20	357-361	C 03 B	11 / 00
532-545	B 01 D	9 / 04				102-113	C 03 B	33 / 00	173	C 03 B	15 / 14		C 03 B	9 / 00
	C 02 F	1 / 22	35	C 03 B	35 / 00	111	C 03 B	32 / 00	174-177	C 03 B	21 / 02	362	C 03 B	11 / 06
600-616	F 25 J	1 / 00	36	C 03 B	23 / 20					C 03 B	33 / 00	370.1	C 03 B	13 / 16
617-657	F 25 J	3 / 00								C 03 B	9 / 46	374.1-374.11	C 03 B	11 / 08
										C 03 C	19 / 00	374.1-375	C 03 B	
										C 03 C	21 / 00	374.12	C 03 B	9 / 48
										C 03 C	23 / 00	374.13	C 03 B	11 / 08
										C 03 B	21 / 00	374.14	C 03 B	35 / 18
										C 03 B	23 / 26	374.15	C 03 B	7 / 14
										C 03 B	18 / 00	375	C 03 B	9 / 453
										C 03 B	17 / 00		C 03 B	
										C 03 B	13 / 00		C 03 C	
										C 03 B	18 / 00	376	C 03 B	37 / 00
										C 03 B	9 / 12	377	C 03 B	37 / 07
										C 03 B	5 / 28		C 03 B	
										C 03 B	7 / 00		G 01 N	21 / 00
										C 03 B	15 / 14		G 01 N	23 / 00
										C 03 B	15 / 18	378	G 01 N	23 / 00
										C 03 B	17 / 04	379-384	C 03 B	37 / 07
										C 03 B	7 / 18	385	C 03 B	37 / 023