

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 338--Con.														
32H	H 01 L	43/04	283-293	H 01 C	7/22		G 06 F	7/04		G 06 K	19/00		G 08 C	19/00
	H 01 L	43/06	293	H 01 C	3/12		G 06 K	19/00		G 08 B	29/00		H 04 B	1/00
	H 03 K	17/97	294	H 01 C	3/10		G 08 B	29/00		G 08 C	19/00		H 04 B	3/00
32R	H 01 L	43/00	295	H 01 C	7/22		G 08 C	19/00		H 04 B	1/00		H 04 L	9/32
32S	G 11 C	11/44	296	H 01 C	13/00		H 04 B	1/00		H 04 B	3/00		H 04 Q	1/00
	H 01 L	39/18	297-305	H 01 C	7/22		H 04 B	3/00		H 04 L	9/32		H 04 Q	9/00
	H 01 L	39/20	297	H 01 C	3/14		H 04 L	9/14		H 04 Q	1/00	5.86	G 05 B	19/00
33	H 01 C	10/14	298	H 01 C	3/16		H 04 L	9/32		H 04 Q	9/00		G 05 B	23/00
34-35	H 01 C	7/00	299-300	H 01 C	3/14		H 04 Q	1/00	5.61-5.63	G 05 B	19/00		G 06 F	7/00
36-47	H 01 C	10/10	301	H 01 C	3/18		H 04 Q	9/00		G 05 B	23/00		G 06 F	7/04
48	H 01 C	10/16	302-303	H 01 C	3/20	5.3-5.31	G 05 B	19/00		G 06 F	7/00		G 06 K	5/00
	H 01 C	13/02	304-305	H 01 C	3/14		G 05 B	23/00		G 06 F	7/04		G 07 D	7/00
49	H 01 C	7/00	306-314	H 01 C	1/012		G 06 F	7/00		G 06 K	19/00		G 07 F	7/12
50	H 01 C	13/00	315	H 01 C	1/01		G 06 F	7/04		G 08 B	29/00		G 08 B	29/00
51-54	H 01 C	1/08	316	H 01 C	10/16		G 06 K	19/00		G 08 C	19/00		G 08 C	19/00
55-56	H 01 C	1/082	317	H 01 C	1/01		G 08 B	13/00		H 04 B	1/00		H 04 B	1/00
57-59	H 01 C	1/08	318-319	H 01 C	10/14		G 08 B	19/00		H 04 B	1/38		H 04 B	3/00
60-63	H 01 C	10/00	320	H 01 C	1/01		G 08 B	21/00		H 04 B	3/00		H 04 Q	1/00
	H 01 C	3/02	321	H 01 C	1/00		G 08 B	23/00		H 04 Q	1/00		H 04 Q	9/00
64-65	H 01 C	7/00	322-326	H 01 C	1/14		G 08 B	25/00	5.64-5.67	H 04 Q	9/00	5.9-5.92	G 05 B	19/00
66	H 01 C	1/06	327	H 01 C	1/142		G 08 B	29/00		G 05 B	19/00		G 05 B	23/00
	H 01 C	10/00	328	H 01 C	1/14		G 08 C	19/00		G 05 B	23/00		G 06 F	7/00
	H 01 C	7/00	329	H 01 C	1/144		H 04 B	1/00		G 06 F	7/00		G 08 B	29/00
67	H 01 C	13/00	330	H 01 C	1/14		H 04 B	3/00		G 06 F	7/04		G 08 C	19/00
68-70	H 01 C	10/00	331	H 01 C	1/146		H 04 L	9/14		G 06 K	19/00		H 04 B	1/00
71	H 01 C	10/10	332	H 01 C	1/148		H 04 L	9/32		G 08 B	29/00		H 04 B	3/00
72	H 01 C	10/00	333	H 01 C	10/00		H 04 Q	1/00		G 08 C	19/00		H 04 Q	1/00
73	H 01 C	10/42		H 01 C	3/00		H 04 Q	9/00		H 04 B	1/00		H 04 Q	9/00
74	H 01 C	10/38		H 01 C	7/00	5.32-5.33	G 05 B	19/00		H 04 B	1/02	6.1-6.11	G 08 B	25/00
75-79	H 01 C	10/00	334	H 01 C	13/00		G 05 B	23/00		H 04 B	3/00		G 08 B	5/22
80-86	H 01 C	10/02					G 06 F	7/00		H 04 Q	1/00	6.12-6.17	H 04 L	12/28
87-88	H 01 C	10/00					G 06 F	7/04		H 04 Q	9/00		H 04 M	11/02
89-91	H 01 C	10/04					G 06 K	19/00	5.7-5.73	B 60 R	25/00	7.1-7.63	G 08 B	5/22
92-97	H 01 C	10/06					G 05 B	13/00		G 05 B	19/00		H 04 Q	1/30
98-115	H 01 C	10/10					G 08 B	19/00		G 05 B	23/00	8.1	G 08 B	25/00
99-114	H 01 C	10/12	1.1	G 06 F	13/42		G 08 B	21/00		G 06 F	7/00		G 08 B	5/22
116	H 01 C	10/14	2.1	G 06 F	9/32		G 08 B	23/00		G 06 F	7/04	9.1-9.16	H 02 J	13/00
117-121	H 01 C	10/30		H 03 K	17/00		G 08 B	25/00		G 08 B	29/00	9.17	H 04 Q	3/00
122-124	H 01 C	10/18		H 04 Q			G 08 B	29/00		G 08 C	19/00	10.1-10.6	H 04 Q	5/22
125-134	H 01 C	10/16	2.2-2.21	H 03 K	17/00		G 08 B	5/00		H 04 B	1/00	11.1	G 07 C	9/00
135-137	H 01 C	10/00		H 04 Q	3/00		G 08 C	19/00		H 04 B	3/00	12.1-12.21	G 08 C	19/16
138-142	H 01 C	10/22		H 04 Q			H 04 B	1/00		H 04 Q	1/00	12.22-12.55	G 05 B	11/01
143-149	H 01 C	10/24	2.22	H 03 K	17/00		H 04 B	3/00		H 04 Q	9/00		G 08 C	19/16
150-152	H 01 C	10/26		H 04 Q	3/68		H 04 L	9/14	5.74	G 05 B	19/00	13.1-13.36	G 08 C	19/12
153-155	H 01 C	10/00		H 04 Q			H 04 L	9/32		G 05 B	23/00	13.37-13.38	G 08 C	19/02
156	H 01 C	1/125	2.23	H 03 K	17/00		H 04 Q	1/00		G 06 F	7/00	14.1	H 03 K	17/62
157-158	H 01 C	10/28		H 04 L	12/56		H 04 Q	9/00		G 06 F	7/04		H 03 M	
159	H 01 C	10/00		H 04 Q		5.4-5.42	G 05 B	19/00		G 08 B	29/00	14.2	A 23 J	1/16
160-161	H 01 C	10/30	2.24	H 03 K	17/00		G 05 B	23/00		G 08 C	19/00		H 03 M	
162-171	H 01 C	10/32		H 04 Q	3/00		G 06 F	19/00		H 04 B	1/00	14.3	G 05 B	19/08
172-173	H 01 C	10/36		H 04 Q			G 06 F	7/00		H 04 B	3/00		H 03 M	
174-175	H 01 C	10/34	2.25-2.26	H 03 K	17/00		G 06 K	19/00		H 04 L	9/32	14.31	G 11 C	8/12
176-179	H 01 C	10/38		H 04 Q	3/52		G 08 B	13/00		H 04 Q	1/00		H 03 M	
180-181	H 01 C	10/40		H 04 Q			G 08 B	19/00		H 04 Q	9/00	14.4	G 11 C	19/00
	H 01 C	10/42	2.27-2.28	H 03 K	17/00		G 08 B	21/00	5.8-5.82	G 05 B	19/00		H 03 M	
182	H 01 C	10/38		H 04 Q	3/00		G 08 B	23/00		G 05 B	23/00	14.5	H 03 K	3/286
183	H 01 C	10/44		H 04 Q			G 08 B	25/00		G 06 F	7/00		H 03 M	
184	H 01 C	1/02	2.29	H 03 K	17/00		G 08 B	29/00		G 06 F	7/04	14.6	G 05 B	19/045
	H 01 C	10/00		H 04 Q	3/52		G 08 B	5/00		G 08 B	29/00		H 03 M	
185-189	H 01 C	10/46		H 04 Q			G 08 C	19/00		G 08 C	19/00	14.61-14.62	H 03 K	17/62
190-193	H 01 C	10/48	2.31	H 03 K	17/00		H 04 B	1/00		H 04 B	1/00		H 03 M	
194	H 01 C	10/46		H 04 Q	3/00		H 04 B	3/00		H 04 B	3/00	14.63	H 03 K	17/693
195-197	H 01 C	10/00		H 04 Q			H 04 L	9/14		H 04 Q	1/00		H 03 M	
198	H 01 C	10/50	2.4	G 06 K	7/10		H 04 L	9/32		H 04 Q	9/00	14.64	H 03 K	19/018
199	H 01 C	10/00		H 03 K	17/00		H 04 Q	1/00	5.83	G 05 B	19/00		H 03 M	
200-201	H 01 C	10/50		H 04 Q			H 04 Q	9/00		G 05 B	23/00	14.65-14.66	H 03 K	17/62
202	H 01 C	1/12	2.5-2.71	H 03 K	17/00	5.5-5.52	G 05 B	19/00		G 06 F	7/00		H 03 M	
203	H 01 C	7/00		H 04 Q	3/00		G 05 B	23/00		G 06 F	7/04	14.67	H 03 K	3/33
204-205	H 01 C	7/18		H 04 Q			G 06 F	7/00		G 06 T	1/00		H 03 M	
206-209	H 01 C	3/00	2.8	G 06 F	11/20		G 06 F	7/04		G 06 T	7/00	14.68	G 05 B	19/08
210-214	H 01 C	3/06		H 03 K	17/00		G 06 K	19/00		G 08 B	29/00		H 03 M	
	H 01 C	7/00		H 04 Q			G 08 B	29/00		G 08 C	19/00	14.69	H 03 M	
215-216	H 01 C	13/00	2.81	H 01 H	67/00		G 08 C	19/00		H 04 B	1/00		H 04 Q	3/00
217-218	H 01 C	3/08	2.9	H 04 L	1/00		H 04 B	1/00		H 04 B	3/00	15.1	G 11 C	7/00
219-221	H 01 C	13/00	3.1-3.9	G 05 B	23/02		H 04 B	3/00		H 04 Q	1/00	16.1	G 08 B	25/00
222	H 01 C	10/02		G 09 B	21/00		H 04 Q	1/00		H 04 Q	9/00	146.2	G 05 B	1/00
	H 01 C	11/00	4.2-4.21	H 04 L	7/00		H 04 Q	9/00	5.84	G 05 B	19/00		G 06 F	7/02
223-225	H 01 C	8/00	4.3-4.37	G 05 B	19/02	5.53	G 05 B	19/00		G 05 B	23/00	286.01	G 08 B	
226-231	H 01 C	1/02	4.4-4.42	H 04 B	1/20		G 05 B	23/00		G 06 F	7/00		G 09 F	25/00
232-233	H 01 C	1/022	4.5-4.51	H 04 L	12/18		G 06 F	7/00		G 06 F	7/04	286.02	G 08 B	9/00
234-236	H 01 C	1/026	4.6-4.62	G 08 B	5/22		G 06 F	7/04		G 08 B	29/00	286.03	G 08 B	13/02
237	H 01 C	1/024	5.1	G 05 B	19/00		G 06 K	9/00		G 08 C	19/00	286.04	G 08 B	27/00
238-242	H 01 C	1/03		G 05 B	23/00		G 06 T	1/00		H 04 B	1/00		G 08 B	
243-251	H 01 C	1/028		G 06 F	7/00	</								

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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 340--Con.														
286.13	G 08 B		458	B 60 Q	11/00	815.55-815.57	G 08 B	5/36	912-914	G 08 G	1/07		H 03 M	7/12
286.14	G 08 B		459-460	B 60 Q	1/00		G 09 F	13/12	915	G 08 G	1/07	86	H 03 M	7/00
	G 09 B	29/10	461	B 60 Q	1/00	815.58-815.61	G 08 B	5/00		G 08 G	1/095	87	H 03 M	7/30
287-308	G 08 B	25/00		G 09 F	9/00	815.62	G 08 B	5/22	916	G 08 G	1/07	88-93	H 03 M	7/00
309	G 08 B	1/00	462	B 60 Q	1/00	815.63	G 08 B	5/00	917-919	G 08 G	1/07	94	H 03 M	13/00
	G 08 B	25/00		G 09 F	9/30		G 08 B	5/22		G 08 G	1/08	95	H 03 M	7/00
309.16-309.9	G 08 B	1/00	463	B 60 Q	1/22	815.64	G 08 B	5/00	920-921	G 08 G	1/07	96	H 03 M	7/14
311.2	G 08 B	3/00		B 60 Q	1/26		G 08 B	5/24	922	G 08 G	1/08	97-98	H 03 M	7/04
	H 04 R	27/00	464	B 60 Q	1/50	815.65	G 08 B	5/00	923	G 08 G	1/07		H 03 M	7/16
313-322	G 08 B	23/00	465	B 60 Q	1/34	815.66-815.68	G 08 B	5/36		G 08 G	1/095	99	H 03 M	7/00
323B	A 63 D	5/04	466	B 60 Q	1/54	815.69-815.71	G 08 B	7/00	924-927	G 08 G	1/07	100-101	H 03 M	9/00
323R	A 63 B	69/00	467	B 60 Q	1/50	815.72	G 08 B	7/04	928	G 08 G	1/00	102-103	H 03 M	7/20
	A 63 B	71/06	468-469	B 60 Q	1/26	815.73-815.74	G 08 B	5/36		G 08 G	1/065	104-105	H 03 M	7/04
	G 07 C	1/24	470	B 60 Q	1/50	815.75-815.76	G 08 B	5/36	929-930	G 08 G	1/096		H 03 M	7/08
326-327	G 08 B	27/00	471	B 60 Q	1/52		G 08 B	5/38	931	G 08 G	1/097	106-107	H 03 M	7/00
328-329	G 08 B	3/00	472	B 60 Q	1/52	815.77	G 08 B	5/36	932	G 08 G	1/00	108	H 03 M	1/02
330	G 08 B	3/00		B 60 Q	7/02	815.78-815.82	G 08 B	5/24		G 08 G	1/096	109	H 03 M	1/04
	G 08 B	5/00	473	B 60 Q	7/00	815.83-815.84	G 08 B	5/00	932.1	E 01 F	9/00	110	H 03 M	1/00
331-332	G 08 B	5/00	474	B 60 Q	1/26		G 08 B	5/22		G 08 G	1/08	111-117	H 03 M	1/48
	H 05 B	39/00		B 60 Q	5/00	815.85	G 08 B	5/00	932.2	B 60 Q	1/48	118-119	H 03 M	1/06
	H 05 B	41/00	475	B 60 Q	1/34		G 08 B	5/26		G 08 G	1/14	120-121	H 03 M	1/10
333	G 08 B	1/00	476-477	B 60 Q	1/40	815.86-815.87	G 08 B	5/00	933	G 08 G	1/01	122-131	H 03 M	1/00
384.1	G 08 B	3/00	478	B 60 Q	1/34		G 08 B	5/24	934	G 08 G	1/065	131	H 03 M	1/20
384.2-384.73	G 08 B	3/10	479	B 60 Q	1/44	815.88	G 08 B	5/00	935-936	G 08 G	1/01	132-142	H 03 M	1/00
385.1	G 01 V	1/104	480	B 60 Q	1/26		G 08 B	5/30	937	G 08 G	1/017	143	H 03 M	3/00
	G 01 V	1/157		G 08 B	5/22	815.89-815.9	G 08 B	5/00		G 08 G	1/054	144-145	H 03 M	1/66
	G 08 B	3/00	481-486	G 08 B	5/22		G 08 B	5/22	938-939	G 08 G	1/01	146	H 03 M	1/72
	G 08 B	3/14	487-490	G 08 B	5/24	815.91-815.92	G 08 B	5/00	940	G 08 G	1/02	147	H 03 M	1/66
387.1	G 08 B	3/00	500-504	G 08 B	23/00	850-852	H 04 B	13/02	941	G 08 G	1/01	148	H 03 M	1/76
388.1	G 08 B	3/00	505	G 08 B	26/00	853.1-856.4	G 01 V	3/00	942-943	G 08 G	1/04	149-151	H 03 M	1/66
	G 10 K	9/00	506-516	G 08 B	29/00	870.01	G 08 C	19/16	944	G 08 G	1/095	152	H 03 M	1/82
	G 08 B	3/00	517	G 08 B	23/00	870.02	G 08 B	23/00	945-946	G 08 B	21/00	153	H 03 M	1/80
	G 10 K	9/12	518	G 08 B	26/00		G 08 C	15/06	947-950	G 08 G	5/00	154	H 03 M	1/78
388.3-388.8	G 08 B	3/00	519-520	G 08 B	23/00	870.03	G 08 C	15/06	951	B 64 F	1/20	155-156	H 03 M	1/12
	G 10 K	9/20	521-522	G 08 B	19/00		G 08 C	19/20		G 08 G	5/00	157	H 03 M	1/60
390.1-390.2	G 08 B	3/00	523	G 08 B	23/00	870.04	G 08 C	15/06	952-953	B 64 F	1/18	158	H 03 M	1/34
	G 10 K	9/12	524-525	G 08 B	25/00		G 08 C	19/22		G 08 G	5/00	159-160	H 03 M	1/36
391.1	G 08 B	3/00	526-530	G 08 B	23/00	870.05-870.06	G 08 C	19/06	954	B 64 F	1/20	161	H 03 M	1/38
	G 10 K	9/22	531-532	G 08 B	1/00	870.07	G 08 C	19/22		G 08 G	5/00	162-165	H 03 M	1/34
392.1-392.2	G 08 B	3/00		H 04 Q	1/30		H 04 Q	9/00	955	B 64 F	1/18	166	H 03 M	1/50
	G 10 K	1/00	533-538.17	G 08 B	1/08	870.08	G 08 C	19/00		G 08 G	5/00	167	H 03 M	1/82
392.3	G 08 B	3/00		H 04 M	11/04	870.09	G 08 B	19/00	956	G 08 G	5/00	168	H 03 M	1/50
	G 10 K	1/064		H 04 Q	1/30		G 08 B	21/00	957-959	G 08 B	21/00	169	H 03 M	1/56
	G 10 K	1/067	539.1-539.19	G 08 B	1/08	870.1	G 08 C	17/00		G 08 G	5/00	170	H 03 M	1/58
392.4-392.5	G 08 B	3/00	539.2	G 08 B	1/00		G 08 C	19/16	960	G 08 B	21/00	171-172	H 03 M	1/12
	G 10 K	1/00	539.21-539.32	G 08 B	1/08	870.11	G 08 C	19/04	961	G 08 G	5/04	173-176	H 04 L	17/02
	G 10 K	1/06	540	G 08 B	21/00		G 08 C	19/10	962	G 08 B	21/00	173-190	G 08 C	19/12
393.1-393.4	G 08 B	3/00	541	G 08 B	13/00	870.12	G 01 K	5/00	963-970	G 08 B	23/00	191	G 08 C	19/16
	G 10 K	1/064	542-543	E 05 B	45/06		G 08 C	15/06	971-972	G 01 C	21/00		H 04 L	17/02
	G 10 K	1/067	544	G 08 B	13/20	870.13	G 08 C	15/08		G 01 C	23/00	192	H 04 L	25/42
395.1	G 08 B	3/00	545.1-547	G 08 B	13/08		G 08 C	15/12	973	G 01 C	23/00	200	H 03 M	
	G 10 K	1/00	548	G 08 B	13/12	870.14	G 08 C	15/08	974	G 01 C	21/00		H 04 N	7/26
	G 10 K	1/06	549	G 08 B	13/08	870.15	G 08 C	15/00	975	G 01 C	23/00	899	H 03 M	1/00
396.1	G 08 B	3/00	550	G 08 B	13/00		G 08 C	15/04	976-980	G 01 C	21/00		H 03 M	7/00
	G 10 K	1/26	551	G 08 B	13/24	870.16	G 08 B	21/00	981-982	B 64 D	47/06			
	G 10 K	1/38	552-557	G 08 B	13/18	870.17	G 08 C	19/12	983	B 64 D	47/00			
397.1-397.4	G 08 B	3/00	561-564	G 08 B	13/26		G 08 C	19/16		G 08 G	5/00			
	G 10 K	1/10	565-566	G 08 B	13/00	870.18	G 08 C	19/16	984	G 08 B	23/00			
397.5	G 08 B	3/00	567	G 08 B	13/18	870.19	G 08 C	19/16	985	G 08 G	3/00			
	G 10 K	1/065	568.1	G 08 B	13/14		G 08 C	19/20	986	G 08 B	21/00			
	G 10 K	1/076	568.2-568.4	G 08 B	13/12	870.2	G 08 B	29/00	987	B 63 H	25/36			
398.1-398.3	G 08 B	3/00		G 08 B	13/14		G 08 C	19/16	988-996	G 08 G	1/123			
	G 10 K	1/00	568.5-572.9	G 08 B	13/14	870.21-870.26	G 08 C	19/16	999	H 04 B	14/00			
	G 10 K	1/08	573.1-573.7	G 08 B	23/00	870.27	H 04 Q	9/00				1-4	H 01 Q	17/00
401.1	G 08 B	3/00	574	G 08 B	13/00	870.28	G 08 C	17/00				5-12	H 01 Q	15/00
	G 10 K	1/062	575-576	G 08 B	23/00		G 08 C	19/12				13-20	G 01 S	7/36
	G 10 K	11/00	577-579	G 08 B	17/12	870.29	G 08 C	19/02					G 01 S	7/42
404.1-404.3	G 08 B	3/00	580-583	G 08 B	19/02		G 08 C	19/16					H 04 K	3/00
	G 08 B	3/06	584-589	G 08 B	17/00	870.3	G 08 C	19/00	1-17	H 03 M	1/22	21-41	G 01 S	13/00
	G 10 K	7/06	590-591	G 08 B	17/02		G 08 C	19/38	20-35	H 03 K	17/94	42-44	G 01 S	13/74
407.1	H 04 B	3/36	592	G 08 B	17/04	870.31	G 08 C	19/06		H 03 M	11/00	45-46	G 01 S	13/78
407.2	G 08 B	6/00	593-599	G 08 B	17/06		G 08 C	19/12	50	H 03 M	7/00		G 01 S	15/74
	G 09 B	21/00	600	G 08 B	17/12	870.32-870.36	G 08 C	19/06	51	H 03 M	7/34	47-51	G 01 S	13/08
	H 04 B	3/36	601	G 01 W	1/00	870.37	G 08 C	19/10		H 03 M	7/38	52-103	G 01 S	13/00
425.1	H 04 B	3/36	602-627	G 08 B	21/00		G 08 C	19/16	52	H 03 M	5/00	104	G 01 S	13/08
	H 04 B	3/58	628-634	G 08 B	17/10	870.38	G 08 C	15/00	53	H 03 M	5/08	105-117	G 01 S	13/58
425.2	H 04 B	3/00	635-690	G 08 B	21/00	870.39	G 08 C	19/04	54	H 03 M	5/22	118-146	G 01 S	13/08
425.5	B 60 Q	1/00	691.1-691.8	G 08 B	3/00	870.4	G 08 C	15/00	55	H 03 M	5/00	147-159	G 01 S	1