

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 331--Con.																	
2	H 03 L	7/00		H 01 L	39/22	100-105	H 03 C	3/00		H 03 H	2/00	219.1	H 01 P	7/10			
3	H 03 L	7/26		H 03 B	15/00	103-105	H 04 L	27/20	24.1	H 01 P	1/32	219.2	H 01 P	7/00			
4-18	H 03 L	7/00	107SL	H 01 L	23/66	106-107	H 03 K	7/00	24.2	H 01 P	1/36	220-221	H 01 P	7/02			
19	H 03 L	7/16	107T-107DP	H 03 B	7/14	108	H 03 K	7/10	24.3	H 01 P	1/175	222-226	H 01 P	7/04			
20-35	H 03 L	7/00	107T	H 03 B	7/08	109-111	H 03 K	7/08		H 01 P	1/38	227-233	H 01 P	7/06			
36C-36R	H 03 L	7/099		H 03 K	3/315	112-114	H 03 K	7/04	25-26	H 03 H	5/00	228	H 01 P	1/16			
36C	H 03 B	5/12	108A	G 04 C	21/36		H 03 K	7/06	27	H 03 H	5/10	229	H 01 P	1/30			
	H 03 C	3/09		H 03 B	5/36	115-116	H 03 K	7/02		H 03 H	7/00	234-235	H 01 P	7/00			
36L	H 01 L	23/66		H 03 K	3/03	117-119	H 03 C	3/00	28R	H 01 P	9/00	236-237	H 01 P	3/00			
	H 03 J	7/02	108B-108C	H 03 B	5/12	120-121	H 03 C	3/38		H 04 B	3/14	238	H 01 P	3/08			
36R	H 03 J	7/04	108B	H 03 B	5/20	122	H 03 C	3/00		H 04 L	25/03	239-240	H 01 P	3/00			
	H 03 K	3/03		H 03 B	5/24	123	H 03 C	3/02	28T	H 03 G	5/02	239	H 01 P	3/12			
37	H 03 B	21/00	108C	H 03 B	5/04	124	H 03 C	3/08		H 03 G	5/06	241	H 01 P	3/14			
38	H 03 B	21/02		H 03 L	1/02	125	H 03 C	3/04		H 03 G	9/06	242	H 01 P	3/00			
39-43	H 03 B	21/00	108D	H 03 B	5/36	126-128	H 03 C	3/06	32-35	H 03 H	7/38	243-244	H 01 P	3/06			
44	G 01 R	23/00		H 03 K	3/0231		H 03 C	3/09	81A-81R	H 01 P	1/22	245	H 01 P	1/00			
45	H 03 B	27/00		H 03 K	3/354	129-130	H 03 C	3/00	81A	H 03 H	7/24	246	H 01 P	3/08			
46-59	H 03 B		108R	H 03 B	5/12	129-134	H 03 C	7/00		H 03 H	7/25	247-248	H 01 P	1/00			
46	H 03 K	3/03		H 03 B	5/24	131	H 03 C	3/30	81B	H 01 P	1/26	249	H 01 P	1/02			
47	H 03 L	7/24	109	H 03 L	5/00	132	H 03 C	3/32		H 03 C	7/02	250	H 01 P	1/00			
48-49	H 03 B	5/12	110	H 03 B	5/00	133-134	H 03 C	3/30	81R	H 03 H	7/24		H 01 P	5/00			
50-51	H 03 B	19/12	111	H 03 K	3/26	135	H 03 C	3/00		H 03 H	7/25	251	H 01 P	1/16			
52	H 03 K	3/30	112-113	H 03 K	3/30	136	H 03 C	3/22	99MP	H 01 J	25/76	252	H 01 P	1/08			
53	H 03 B	5/34	113A	H 02 M	3/338	137-138	H 03 C	3/00		H 01 P	1/208	253	H 01 P	1/28			
54	H 03 B	5/36		H 02 M	7/5383	139-140	H 03 C	3/42	99PL	H 01 P	1/30		H 01 P	3/00			
55	H 03 L	7/24	113R	H 03 K	3/282	141-144	H 03 C	3/00		H 01 J	37/32		H 01 P	5/04			
56	H 03 B	9/14		H 03 K	3/354	145	H 03 C	3/38		H 01 J	49/10	254	H 01 P	1/04			
57	H 03 K	3/03		H 03 K	7/06	146-147	H 03 C	3/00	99R	H 05 H	1/46	255	H 01 P	1/00			
58	H 03 F	3/66	113S	H 02 M	7/51	148	H 03 C	3/26		G 01 N	22/00		H 01 P	5/00			
59	H 03 B	5/34		H 02 M	7/515	149-150	H 03 C	1/00		G 01 R	27/26	256-257	H 01 P	1/06			
60	H 03 B	25/00		H 02 M	7/523	151-154	H 03 C	1/50	99S	H 01 P	7/06	258-259	H 01 P	1/10			
61	H 03 B		114	H 03 K	3/26	155-157	H 03 C	1/00		H 01 P	1/04	259	H 01 P	1/12			
	H 03 K	3/08		H 03 K	5/12	158	H 03 C	1/62		H 01 P	1/203	260	H 01 P	1/00			
62-63	H 02 H	7/20	115	H 03 B	7/00	159	H 03 C	1/02	100-109	H 01 P	5/12	261	H 01 P	1/06			
64	A 61 N	1/40		H 03 B	7/06	160	H 03 C	1/06	101	H 01 P	1/10	262	H 01 P	1/10			
	G 08 B		116FE	G 04 F	5/06	161	H 03 C	1/04	102	H 01 P	1/32	263	H 01 P	1/00			
	H 03 B	1/00		H 03 K	3/354	162	H 03 C	1/06	103-108	H 01 P	1/10						
65-66	G 01 N	27/00	116M-116R	H 03 B	5/30	163-164	H 03 C	1/00	109-116	H 01 P	5/18						
	G 08 B	19/00	116M	G 04 C	3/06	163-166	H 03 C	7/00	110	H 03 H	7/46						
	G 08 B	21/00		G 04 C	3/10	165	H 03 C	1/28		H 03 H	7/48						
65	G 05 D		116R-116FE	H 03 B	5/36	166	H 03 C	1/30		H 03 H	7/38						
	G 08 B	23/00	117D-117FE	H 03 B	5/12	167-169	H 03 C	1/00	111-112	H 03 H	7/38	1-3	H 03 J	5/00			
	G 08 C			H 03 B	5/18	170-171	H 03 C	1/60	111	H 01 P	5/12	4-6	H 03 J	1/18			
	H 03 K	17/95	117D	H 03 L	1/02	172	H 03 C	1/54	113-117	H 01 P	5/12	4	H 03 J	1/22			
66	G 01 J	5/00	117FE	H 03 K	3/354	173	H 03 C	1/48	116	H 01 P	3/08	5-6	H 03 J	3/04			
	G 01 K	7/00	117R	H 03 K	3/282	174-175	H 03 C	1/08	117	H 01 P	5/22	7	H 03 J	5/00			
	G 05 D	23/20	126	H 03 B	5/00	176-177	H 03 C	1/00	118-119	H 04 B	1/52	8	H 03 J	1/00			
	G 08 B	13/18	127	H 03 B	11/02	178	H 03 C	1/36		H 04 B	1/58	9-10	H 03 J	1/06			
	G 08 B	27/00		H 03 B	7/10	179-180	H 03 C	1/16	120-128	H 01 P	5/12		H 03 J	1/18			
67-69	H 03 B	1/00	128	H 03 B	11/08	181	H 03 C	1/20	120	H 01 P	5/22	11	H 03 J	3/04			
70-71	H 03 B		129-131	H 03 K	3/37	182	H 03 C	1/22	121-123	H 01 P	5/20		H 03 J	3/06			
70	H 03 L	1/04	132-134	H 03 B	7/00	183-185	H 03 C	1/24	124	H 03 H	7/38	12-13	H 03 J	3/00			
71	A 61 N	1/40	135-137	H 03 B	5/20				127-128	H 01 P	3/08	12	H 03 J	1/00			
72	H 03 B	5/28	138	H 03 B	5/14				129-131	H 03 H	7/38	13-15	H 03 J	3/06			
73	H 03 B	5/34		H 03 B	5/42				132	H 03 H	7/46	14-15	H 03 H	5/12			
74-76	H 03 B	1/00	139	H 03 B	5/38					H 03 H	7/48		H 03 J	5/04			
77	H 03 B	9/14	140-142	H 03 B	5/26				133	H 01 L	41/00	16	H 03 J	3/04			
	H 03 B		143	H 03 K	3/02					H 03 H	9/00	17-29	H 03 J	3/00			
78	H 03 B	29/00	144-145	H 03 K	3/06				134-137	H 01 P	5/12	29	H 03 J	5/02			
79-80	H 03 B	9/01	146-149	H 03 K	3/16				138	H 03 H	7/18	30-31	H 03 J	1/02			
80	H 03 B	13/00	150-152	H 03 K	3/02					H 03 H	7/30		H 03 J	3/12			
81	H 03 B	9/02	153	H 03 K	7/00	1.1	H 01 P	1/32	139	H 03 H	7/20	32	H 03 J	1/04			
82	H 03 B	9/08	154-156	H 03 B	5/30	2-5	H 01 P	5/00		H 03 H	7/38		H 03 J	3/14			
83	H 03 B	9/04	157	H 03 B	5/40	12	H 04 B	3/28	140	H 03 H	7/18	33	H 03 J	1/02			
84	H 03 B	9/01	158-164	H 03 B	5/32	13	H 01 P	1/04		H 03 H	7/30		H 03 J	3/12			
	H 03 B	9/06	165	H 03 B	11/00		H 01 P	1/14	141-155	H 03 H	9/00	34-35	H 03 J	1/04			
86-91	H 03 B	9/10	166	H 03 B	11/08	14	H 03 G	7/00		H 04 B	11/00	34-37	H 03 J	3/14			
92-93	H 03 B	9/02		H 03 B	11/10	15-16	H 04 B	1/64	156-161	H 01 P	9/00	36-37	H 03 J	1/02			
94.1	H 01 S	1/06	167-174	H 03 B	5/08	17.1	H 03 G	11/04	156-163	H 01 P	1/18	38	H 01 F	21/00			
	H 03 B	17/00		H 03 B	5/18		H 04 B	3/04	158-160	H 01 P	3/00		H 03 J				
95	H 03 B	5/08	175-176	H 03 L	1/00	17.2	H 03 G	11/00	161	H 01 P	3/08	39-48	H 03 J	5/00			
96-102	H 03 B	5/18				17.3	H 01 P	5/08	162-163	H 01 P	9/02	40-41	H 03 J	3/00			
	H 03 B	7/12	177R	H 03 B	5/10		H 03 H	7/38	162-164	H 01 P	3/00	42-43	H 03 J	3/24			
103	H 03 B	1/00		H													