

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 372--Con.																				
44.01-44.011	H 01 S	5/00	128-130	H 05 B	3/66		H 04 L	27/18		H 04 L	1/00	424	G 21 C	3/22						
45.01-45.013	H 01 S	5/00	131	H 05 B	3/03	224-228	H 04 B	17/00		H 04 L	25/08	425	G 21 C	3/00						
46.01-46.016	H 01 S	5/00	132-133	H 05 B	3/14		H 04 B	3/46	353	H 03 K	7/02	426-431	G 21 C	3/30						
49.01	H 01 S	5/00	134	H 05 B	3/62		H 04 Q	1/20		H 03 K	9/02	432	G 21 C	3/36						
50.1-50.23	H 01 S	5/00	135-136	H 05 B	1/02	229-236	H 03 H	7/30	354-358	H 04 L	7/00	433	G 21 C	3/00						
51-54	H 01 S	3/20	137	F 27 D	1/00		H 03 H	7/40	359-361	H 04 L	7/02	434-437	G 21 C	3/32						
55-60	H 01 S	3/22	138	H 05 B	6/02		H 03 K	5/159	362	H 04 L	7/04	438-442	G 21 C	3/34						
	H 01 S	3/223	139	H 05 B	6/30	237	H 03 K	7/00	363	H 04 L	7/00	443-449	G 21 C	3/32						
61-65	H 01 S	3/03	140-141	F 27 D	7/06		H 03 K	9/00	364	H 04 L	7/06	450	G 21 C	3/40						
66-67	H 01 S	3/06	142-143	F 27 D	3/00		H 03 M	1/00	365-368	H 04 L	7/00	451-452	G 21 C	3/10						
	H 01 S	3/07	144	H 05 B	6/44	238	H 03 K	7/08	369-370	H 04 L	25/38	453-454	G 21 C	3/06						
68	H 01 S	3/14	145	H 05 B	6/06		H 03 K	9/08	371-372	H 04 L	25/00	455-456	G 21 C	3/00						
69	H 01 S	3/09	146	F 27 D	27/00	239	H 03 K	7/04		H 04 L	25/40	457	G 21 C	3/06						
70-71	H 01 S	3/091		H 05 B	6/34		H 03 K	7/06		H 04 L	7/00	458-459	G 21 C	5/00						
	H 01 S	3/092	147-150	H 05 B	6/06		H 03 K	9/04	373-376	H 03 D	3/24	460-461	G 21 C	13/00						
72	H 01 S	3/093	151-158	H 05 B	6/22		H 03 K	9/06	377	H 04 L	23/00	462	G 21 C	3/34						
73-74	H 01 S	3/09	159-165	H 05 B	6/16	240-241	H 04 B	1/66				463	G 21 C	1/01						
75-80	H 01 S	3/091	166	F 27 D	1/18	240.01-240.29	H 04 N	11/02	U.S. CLASS 376											
81-88	H 01 S	3/094		H 05 B			H 04 N	11/04	INDUCED NUCLEAR											
89	H 01 S	3/097					H 04 N	7/12	REACTIONS: PROCESSES,											
90-91	H 01 S	3/095					H 04 B	14/04	SYSTEMS, AND ELEMENTS											
92	H 01 S	3/083	U.S. CLASS 374																	
93	H 01 S	3/081	THERMAL MEASURING AND																	
94	H 01 S	3/083	TESTING																	
95-96	H 01 S	3/08	1-3	G 01 K	15/00		H 04 B	1/10	100-101	H 05 H	1/22	U.S. CLASS 377								
97	H 01 S	3/082	4-5	G 01 K	19/00		H 04 L	27/00	100-152	G 21 B	1/00	ELECTRICAL PULSE								
98-108	H 01 S	3/08	6-14	G 01 N	25/72		H 04 B	3/00	102	G 21 B	1/03	COUNTERS, PULSE								
109	H 01 S	3/00	15	G 01 N	25/68		H 04 L	1/10	103-106	H 05 H	1/22	DIVIDERS, OR SHIFT								
			16-28	G 01 N	25/02		H 04 L	27/28	108-111	H 05 H	3/06	REGISTERS: CIRCUITS AND								
			29-31	G 01 K	17/00		H 04 L	23/02	112	A 61 N	5/10	SYSTEMS								
			32	G 01 K	17/20		H 04 L	5/12	113-116	H 05 H	3/06	1-3	G 06 M	3/00						
			33-34	G 01 K	17/00		H 04 L	7/02	117	H 05 H	6/00	1	G 06 M	11/00						
			35	G 01 K	17/02		H 04 B	1/02	118	G 01 V	5/10	2	G 06 M	3/02						
			36-38	G 01 N	25/22		H 03 C	5/00	119	H 05 H	3/06	4	G 06 F	17/00						
8-9	F 27 D	17/00	39-41	G 01 K	17/06		H 04 L	27/02	122	H 05 H	1/22	5	A 63 B	71/06						
10-17	H 01 J	37/305	42	G 01 N	25/60		H 04 L	5/00	123-124	H 05 H	1/18	6-9	A 63 D	15/20						
18-25	H 05 B	7/00	43	G 01 N	25/20		H 03 D	7/10	126-128	H 05 H	1/22	10	A 63 F	1/18						
	H 05 H	1/00	44	G 01 N	25/18		H 03 K	9/10	129	H 05 H	1/02	11	G 06 M	11/02						
26	H 05 B	7/16	45	G 01 N	25/00		H 03 K	9/10	130	H 05 H	1/22	12	G 06 M	9/00						
27	C 03 B	5/02	46-48	G 01 N	3/00		H 03 C	1/52	131	G 21 B	1/25	13-14	G 06 M	11/04						
28	C 03 B	37/09	49-51	G 01 N	3/18		H 04 L	27/02	132-137	H 05 H	1/12	15-16	G 06 M	11/02						
29-32	C 03 B	5/027	52	G 01 N	3/20		H 04 L	7/06	140	H 05 H	1/14	17	G 06 M	3/08						
33-34	C 03 B	3/00	53	G 01 N	3/26		H 03 K	9/06	141	H 05 H	1/16	18	G 07 C	3/00						
35	C 03 B	5/26		G 01 N	3/28		H 03 K	27/10	142-143	H 05 H	1/12	19	G 01 M	3/00						
36-41	C 03 B	5/027	54	G 01 N	25/56		H 04 L	27/18	144	H 05 H	3/06	20	G 01 D	15/06						
42-55	H 05 B	3/60	55-56	G 01 N	25/16		H 04 L	15/00	145	H 05 H	1/24	21	G 01 F	10/04						
56-59	F 27 D	17/00	57	G 01 N	17/00		H 04 L	25/34	148	C 01 B	3/06	22	G 01 F	15/00						
60	H 05 B	7/18		G 01 N	3/60		H 04 L	27/00	149	H 05 H	1/02	23	G 01 G	21/00						
61-66	H 05 B	7/22	100	G 01 K	1/00		H 04 L	1/02	150	G 21 B	1/13	24	G 01 P	1/07						
67	H 05 B	7/07		G 01 K	13/12		H 04 L	25/03	151	H 05 H	6/00	25	G 01 B	7/00						
68	F 27 B	14/04	101-116	G 01 K	3/00		H 04 L	25/49	152	H 05 H	1/22	26	G 01 C	21/00						
69	H 05 B	7/102	117-119	G 01 K	11/22		H 04 L	27/36	153-155	G 01 T	3/00	27	G 01 D	3/00						
70	H 05 B	7/144	120	G 01 K	1/16		H 04 L	27/00	156	G 21 G	1/00	28-32	G 01 E	21/00						
71-72	F 27 D	1/00	121-133	G 01 J	5/00		H 04 L	27/00	157	G 21 G	1/12	24.1-24.2	G 01 K	1/02						
73-74	F 27 D	1/02	134-135	G 01 K	1/16		H 03 C	1/52	158-189	G 21 G	1/06	25	G 06 M	3/00						
75	F 27 D	1/00	135	G 01 K	13/10		H 04 L	27/04	190-201	G 21 G	1/10	26	H 03 K	21/00						
76	F 27 D	1/12	136	G 01 K	13/00		H 03 C	3/00	202	G 21 G	1/00	27	H 03 K	23/00						
77	F 27 B	14/04	137	G 01 K	3/00		H 03 K	7/06	203-206	G 21 C	13/00	28-32	G 06 M	3/00						
78	F 27 D	25/00	138	G 01 K	13/02		H 04 L	27/12	207-208	G 21 C	7/00	33-44	H 03 K	21/40						
79	F 27 D	3/00	139-140	G 01 K	1/12		H 04 L	27/20	209	G 21 C	7/02	33-45	H 03 K	23/00						
80	F 27 D	13/00	141-157	G 01 K	1/14		H 04 L	27/04	210-211	G 21 C	7/32	45-46	G 06 M	3/00						
81-82	F 27 D	3/00		G 01 K	13/00		H 03 C	7/00	212-213	G 21 C	7/30	46	H 03 K	23/54						
83	F 27 D	3/14	141-158	G 01 K	1/08		H 04 L	27/00	214	G 21 C	7/00	47-49	H 03 K	21/00						
84	F 27 B	14/02	159-162	G 01 K	11/00		H 04 L	25/06	215-218	G 21 C	7/36	50-51	H 03 K	21/40						
	F 27 D	3/14	163-185	G 01 K	7/00		H 04 L	25/10	219-239	G 21 C	7/06	50-53	G 06 M	3/00						
85-86	F 27 D	27/00	186	G 01 K	1/02		H 03 D	1/24	240-244	G 21 C	7/00	52	H 03 K	23/66						
87	F 27 D	25/00		G 01 K	5/70		H 03 D	3/00	245-259	G 21 C	17/00	53	H 03 K	21/08						
88	H 05 B	7/06	187-207	G 01 K	5/00		H 03 K	9/06	260-272	G 21 C	19/00	54	G 11 C	19/00						
89	H 05 B	7/09		G 01 K	9/00		H 03 K	9/10	273-276	G 01 J		55	G 06 M	3/00						
90	H 05 B	7/08		G 01 K	1/00		H 04 L	27/00	273	G 21 C	13/00	56-63	H 03 K	23/46						
91	H 05 B	7/06	208	G 01 K	1/08		H 04 L	27/00	274	E 21 B	43/263	56	H 03 K	21/08						
	H 05 B	7/08	209	G 01 K	1/08		H 03 D	3/18	275	F 24 J	43/24	57-63	G 11 C	19/28						
	H 05 B	7/14	210	E 21 B	47/06		H 03 D	3/24	276		3/08	64-81	G 11 C	19/00						
92	H 05 B	7/14		G 01 K			H 03 D	3/22	277-307	G 21 C	9/00	82	G 06 M	1/00						
93	H 05 B	7/06					H 04 L	27/22	308-316	G 21 C	19/42	83	H 03 K	23/74						
94	H 05 B	7/10					H 03 D	3/00	317-319	G 21 C	23/00	84-86	G							

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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 377--Con.														
103	H 03 K	23/82	103	H 05 G	1/24	27.01-28	H 04 M	1/24						
104	H 03 K	23/42	104	H 05 G	1/12		H 04 M	3/08	376.01-386	H 04 M	1/00	17-23.1	H 04 R	5/00
105	H 03 K	23/44	105	H 05 G	1/20		H 04 M	3/22		H 04 M	3/00	23.1	H 04 R	25/00
106	H 03 K	23/00	106	H 05 G	1/22	29.01-31	H 04 M	1/24	387.01-387.02	H 04 M	1/00	26-28	H 04 R	5/00
107	H 03 K	21/38	107	H 05 G	1/14		H 04 M	3/08		H 04 M	9/00	54	G 10 L	21/00
108	H 03 K	23/64	108	H 05 G	1/44		H 04 M	3/22		H 04 M	1/00	55	H 03 G	11/00
109	H 03 K	23/72	109-110	H 05 G	1/34	32.01-33	H 04 M	1/24	388.01-388.07	H 04 M	9/00	56	H 04 R	29/00
110	H 03 K	23/66		H 05 G	1/50		H 04 M	3/08		H 04 M	9/00	57	H 03 G	3/20
111	H 03 K	21/02	111-112	H 05 G	1/32		H 04 M	3/22	390.01-397	H 04 M	1/00	58-60	H 04 R	29/00
112	H 03 K	21/18	113	H 05 G	1/52	35	H 04 M	1/24	390.01-398	H 04 M	9/00	61-65	H 03 G	3/00
113	H 03 K	21/20	114	H 05 G	1/56		H 04 M	3/08	398	H 04 M	7/04	66	H 04 B	3/20
114	H 03 K	21/08	115-116	H 05 G	1/54		H 04 M	3/22	399.01-405	H 04 M	1/00	67	A 61 B	7/04
115-117	H 03 K	21/16		H 05 G	1/58	36	H 04 M	15/24		H 04 M	9/00	70	A 61 F	2/20
118	H 03 K	23/00	117-118	H 05 G	1/54		H 04 M	17/00	406.01-406.16	H 04 M	9/08	71.1-71.9	G 10 K	11/16
119-120	H 03 K	23/50	119	G 21 G	4/00		H 04 M	17/02	412-413.04	H 04 M	1/00		H 03 B	29/00
121	H 03 K	23/52		H 01 J	35/00	37-51	H 04 M	11/04	412-417	H 04 M	9/00	71.1-72	A 61 F	11/06
	H 03 K	23/60		H 05 G	2/00	52	H 04 M	11/00	414-417	H 04 M	1/76	73.1	H 04 R	3/02
122	H 03 K	23/54		H 05 H		55.1	H 04 M	9/00		H 04 M	7/00	74	H 04 R	1/10
123	H 03 K	23/56	120	G 21 G	4/00	56.1	H 04 B	10/00	418	H 04 M	3/00	75	H 04 R	27/04
	H 03 K	23/62		G 21 G	4/04	56.3	H 04 B	10/00	419	H 04 M	1/00	76	H 04 R	27/00
124	H 03 K	23/54		H 01 J	35/00	56.2	H 04 B	10/12	420.01-427	H 04 M	1/00	77-78	H 04 B	3/00
125	H 03 K	23/56		H 05 H		67.1-87	H 04 M	1/64		H 04 M	9/00	79	H 04 B	5/00
	H 03 K	23/62	121-122	H 01 J	35/00	88.01-88.12	H 04 M	1/64	428.01-432	H 04 M	1/00	80-81	H 04 B	3/00
126	H 03 K	23/40	123	H 01 J	35/20	88.13-88.16	H 04 M	11/00		H 04 M	9/00	82-85	H 04 R	27/00
	H 03 K	23/86	124	H 01 J	35/08	88.17	H 04 M	1/64	433.01-440	H 04 M	9/00	86	H 04 B	1/00
127	H 03 K	23/84	125-133	H 01 J	35/00	88.18	H 04 M	11/00	433.01-457	H 04 M	1/00	87	H 04 R	1/02
128	H 03 K	23/80	134	H 01 J	35/06	88.19-88.28	H 04 M	1/64	457	H 04 M	7/00	89	H 04 R	1/02
129-130	H 03 K	27/00	135	H 01 J	35/04	90.01	H 04 M	11/00		H 04 M	9/00	91	H 04 R	1/02
130	G 06 F	7/68	136	H 01 J	35/06	91.01-91.02	H 04 M	11/00				92	H 04 R	3/00
	G 06 M		137	H 01 J	35/30	92.01-92.04	H 04 M	11/00	U.S. CLASS 380					
	G 07 C		138	H 01 J	35/14	93.01-93.37	H 04 M	11/00	CRYPTOGRAPHY					
	H 03 K	21/00	139	H 01 J	35/02	100.01-100.17	H 04 M	11/00	1	H 04 K	3/00	93	H 04 B	15/00
	H 03 K	23/00	140	H 01 J	35/18	101.01	H 04 M	11/00	2	H 04 K	9/00	94.1-94.9	H 04 B	15/00
	H 03 K	25/00	141-142	H 01 J	35/10	102.01-102.07	H 04 M	11/00		H 04 K	1/00	95-96	H 04 R	3/00
	H 03 K	29/00		H 01 J	35/12	106.01-106.11	H 04 M	11/00		H 04 L	9/00	97	H 03 G	
			143	H 01 J	35/08	108.01-108.02	H 04 M	11/00	22	H 04 K	1/00	98-101	H 04 R	1/40
U.S. CLASS 378														
X-RAY OR GAMMA RAY														
SYSTEMS OR DEVICES														
1-2	G 01 N	23/00	144	H 01 J	35/10	110.01	H 04 B	1/00	26-27	H 04 K	1/00	102	H 03 G	9/00
	G 01 T	1/00	145	G 21 K	1/00	111	H 04 M	15/00		H 04 L	9/00	103	H 03 G	5/00
3	H 05 G	1/00	146	G 21 K	5/10	112.01-112.1	H 04 M	15/00		H 04 L	9/38	104-105	H 03 G	3/00
4-27	A 61 B	6/00	147-149	G 21 K	1/02	114.01-114.29	H 04 M	15/00	28	H 04 K	1/00	106	H 03 G	7/00
	G 01 N	23/00	150-153	G 21 K	1/04	115.01-120	H 04 M	15/00		H 04 L	9/00	107-109	H 03 G	3/00
	G 21 K	1/12	154-155	G 21 K	1/00	121.01-126	H 04 M	15/00		H 04 L	9/28	110-117	H 04 R	3/00
	H 05 G	1/60	156-159	G 21 K	3/00	127.01-141	H 04 M	15/00	29	H 04 K	1/00	110	H 03 G	3/20
28-33	B 41 M	5/00	160	G 21 K	1/04	142.01-142.18	H 04 M	1/56		H 04 L	9/00	118	G 10 H	1/00
	G 03 G	13/05	161	G 21 K	1/00	143	H 04 M	17/00	30	H 04 K	1/00	119	H 04 B	1/00
	G 03 G	15/05	162-166	H 05 G	1/28	144.01-155	H 04 M	17/00		H 04 L	9/00	120-121	H 03 F	99/00
	G 21 K	5/00	167	G 03 B	42/02	156-166	H 04 M	1/00	31-34	H 04 K	1/10	122	H 04 R	3/00
34-35	G 21 K	5/00	168-170	A 61 B	6/14	167.01-176	H 04 M	1/60	35-40	H 04 K	1/04	123	H 02 B	1/00
36	G 03 H	5/00		G 03 B	42/02	177-187	H 04 M	13/00	41	H 04 M	1/70	124	G 09 F	27/00
37	A 61 B	6/04		G 03 C	5/16	188-198	H 04 M	3/00		H 04 K	1/06	150-152	H 04 B	25/00
38-40	A 61 B	6/14	171-181	G 03 B	42/02	189-198	H 04 M	1/66		H 04 M	3/16	160-167	H 04 R	25/00
41-42	A 61 B	6/02	182-188	G 03 B	42/04	199-200	H 04 M	1/66	42-47	H 04 L	9/00	170-182	H 04 R	25/00
	G 03 C	9/00	189	H 01 J	31/49	201.01-201.12	H 04 M	3/42	51	G 09 C	3/08	184-186	H 04 R	25/00
	G 21 K	4/00		H 01 J	31/50	202.01	H 04 M	3/42	52	H 04 L	17/02	189-191	H 04 R	25/00
43	G 21 K	7/00	190	G 21 K	4/00	203.01	H 04 M	3/42	53	H 04 M	1/70	300-311	H 04 R	5/02
44-49	G 01 N	23/223	191	A 61 B	6/14	204.01	H 04 M	3/42		H 04 M	3/16	312-331	H 04 R	25/00
	G 01 T	1/36	192	A 61 B	6/04	205.01	H 04 M	3/42		H 04 R	3/00	332-336	H 04 R	9/06
50	G 01 B	15/02		G 21 K	4/00	206.01	H 04 M	3/42	54-55	G 09 C	3/00	337-354	H 04 R	1/20
	G 01 N	23/223	193	H 05 G	1/02	207.01-207.16	H 04 M	3/42		G 09 C	5/00	355-369	H 04 R	11/04
51	G 01 F	1/66	194	H 05 G	1/06	208.01	H 04 M	3/42	56-57	G 09 C	1/06		H 04 R	17/02
	G 01 N	23/06	195-198	H 05 G	1/02	209.01	H 04 M	3/42	58	G 09 C	1/12		H 04 R	19/04
52	G 01 F	23/28	199-200	H 01 J	35/10	210.01-210.03	H 04 M	3/42	59	B 41 K	3/38	370-384	H 04 R	25/00
	G 01 N	23/06		H 01 J	35/12	211.01-211.05	H 04 M	3/42		G 09 C		385	H 04 R	1/00
53	G 01 N	23/06	201-202	H 05 G	1/04	212.01	H 04 M	3/42		H 04 K		386-395	H 04 R	1/02
54-56	G 01 B	15/02	203	H 01 J	35/16	213.01	H 04 M	3/42		H 04 L		396-433	H 04 R	1/00
	G 01 N	23/06	204	H 05 G	1/00	214.01	H 04 M	3/42	200-242	H 04 N	7/167		H 04 R	11/02
57	G 01 N	23/04	205-206	A 61 B	6/08	215.01	H 04 M	3/42	243-246	H 04 N	1/44		H 04 R	9/06
58-61	G 01 B	15/06	207	G 01 D	18/00	216.01	H 04 M	3/42	247-251	H 04 K	1/00			
	G 01 N	23/02	208	H 05 G	1/00	217.01	H 04 M	3/42	252-254	H 04 K	1/02			
62-63	G 01 N	23/04	209	A 61 B	6/04	218.01-218.02	H 04 M	3/42	255-258	H 04 K	1/00			
64	A 21 K	5/00	210	H 05 G	1/00	219	H 04 M	7/00	259-268	H 04 L	9/00			
65	A 61 N	5/10				220.01	H 04 M	7/00	269-276	H 04 K	1/00			
66-68	G 21 K	5/08	U.S. CLASS 379											
69	G 21 K	5/10	TELEPHONIC											
70-72	G 01 N	23/20	COMMUNICATIONS											
73-75	G 01 N	23/207	1.01-4	H 04 M	1/24	265.01-265.14	H 04 M	5/00						
76	G 01 N	23/203		H 04 M	3/08	266.01-332	H 04 M	5/00						
77-78	G 01 N	23/207		H 04 M	3/22	266.01-354	H 04 M	3/00						
79-81	G 01 N	23/20	7-9.06	H 04 M	1/24	333-349	H 04 M	7/00						
82-83	G 01 T	1/36		H 04 M	3/08	338-354	H 04 M	1/00						
84-85	G 21 K	1/06		H 04 M	3/22	355.01-355.1	H							