

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 362--Con.														
479-480	F 21 V	33/00		G 02 B	7/02	578	B 25 B	23/18	81	H 02 M	7/757	23-44	G 11 C	19/08
481	B 60 Q	1/00		G 05 D	25/00		F 21 V	5/00	82	G 05 F	1/33	45-46	G 11 C	27/00
482	B 60 Q	1/00	553	F 21 V	7/04	579	B 43 K	29/10	83	H 02 M	7/15	47	G 11 C	11/46
	B 60 Q	11/00		G 01 S	1/00		F 21 V	5/00	84-94	H 02 M	7/04		G 11 C	27/00
	B 60 Q	3/00		G 09 B	9/00		G 06 G	1/02	84-99	H 02 M	5/42	48	G 11 C	27/00
483	B 60 Q	3/04		H 01 S	3/00	580	F 21 V	29/00		H 02 M	7/68	49.1-49.11	G 11 C	15/00
	B 60 Q	1/00		H 01 S	3/30		F 21 V	5/00	95-99	H 02 M	3/24	49.12	G 11 C	15/04
	B 60 Q	11/00	554	F 21 V	7/04		G 02 B	21/26		H 02 M	7/44	49.13-49.18	G 11 C	15/00
	B 60 Q	3/00		G 02 B	6/04		G 03 B	27/52	100	H 02 P	13/00	50	G 11 C	15/02
	B 60 Q	3/02	555	F 21 V	7/04	581	A 41 F	1/00	101-105	H 02 M	7/00	51	G 11 C	5/02
	F 21 V	33/00		H 01 L	33/00		A 61 M	1/00	102-105	H 02 M	1/20	52	G 11 C	5/00
484	B 60 Q	1/00	556	D 03 D	15/00		F 21 V	17/00		H 02 P	11/00		G 11 C	
	B 60 Q	11/00		F 21 V	7/04		F 21 V	5/00	106	H 02 M	7/32	53	G 11 C	7/02
	B 60 Q	3/00		G 02 B	6/44		G 02 B	6/00		H 02 M	7/58	54	G 11 C	5/04
485-486	B 60 Q	1/00		G 09 F	13/18		G 02 B	6/36	107-108	H 02 M	7/34		G 11 C	
	B 60 Q	3/00	557	F 21 V	7/04	582	B 29 D	11/00	107	H 02 M	7/60	55	G 11 C	11/06
487-492	B 60 Q	1/00		G 02 B	17/00		F 21 V	5/00	109	H 02 M	7/60		G 11 C	
	B 60 Q	1/26		G 02 B	21/00		G 02 B	6/00	110	H 02 M	7/36	56	G 11 C	11/00
493	B 60 Q	1/00	558	F 21 V	11/00	583	F 21 S	4/00		H 02 M	7/62		G 11 C	5/02
	B 60 Q	1/26		F 21 V	7/04		F 21 V	21/30	111	H 02 M	7/06	57	G 11 C	7/02
	B 60 Q	11/00		G 02 B	5/02		F 21 V	3/00		H 02 M	7/12	58	G 11 C	11/00
494	B 60 Q	1/26		H 01 J	5/16		F 21 V	5/00	112	H 02 M	7/26	59	G 11 C	5/00
	B 60 R	1/12		H 01 P	5/00	600-634	F 21 V	7/04	113	H 02 M	7/04	60	G 11 C	11/00
495	B 60 Q	1/24	559	B 64 D	47/06	640-659	H 01 R	33/00	114	H 02 M	7/06	61	G 11 C	5/00
	B 60 Q	1/32		F 21 V	5/00					H 02 M	7/12	62	G 11 C	11/00
496	B 60 Q	1/00		G 09 F	13/18				115-120	H 02 M	7/00	63	G 11 C	5/06
	B 60 Q	1/26	560	A 45 D	42/10				121-122	F 21 V	33/00	64	G 11 C	13/04
	B 60 Q	11/00		F 21 V	7/04					H 02 M	1/02	65	G 11 C	5/06
497-499	B 60 Q	1/56		G 01 D	11/28				123-125	H 02 M	7/00		G 11 C	11/42
500-501	B 60 Q	1/00		G 09 F	13/00				126	H 02 M	7/06		G 11 C	5/06
	B 60 Q	1/26	561	A 47 F	3/00	1-12	H 02 M		127	H 02 M	7/217	66-70	G 11 C	5/08
502	B 60 Q	1/00		F 21 V	7/04	1	H 02 M	5/27	128-130	H 02 M	7/155	71-72	G 11 C	5/06
	F 21 V	33/00		G 02 F	1/1335	2	H 02 M	7/515	131	H 02 M	7/537	73-74	G 11 C	21/00
503	B 60 Q	1/26		H 03 H	9/00	3-6	H 02 M	7/06	132	H 02 M	7/5387	75	G 11 C	19/00
504	B 60 Q	1/26	562	A 01 K	63/06	7	H 02 M	1/22	133-134	H 02 M	7/538	76	G 11 C	21/00
	F 21 V	21/00		B 08 B	3/00	8	H 02 M	7/48	135	H 02 M	7/515		G 11 C	21/02
505	B 60 Q	1/00		F 17 C	1/00	9	H 02 M	5/27	136-138	H 02 M	7/521	77	G 11 C	21/00
	B 60 Q	11/00		F 21 V	33/00	10	B 23 K	11/24	138	H 02 M	1/06	78-86	G 11 C	19/00
	B 60 Q	3/00		F 21 V	7/04	11	H 01 F	38/04	139	H 02 M	7/519	87-88	G 11 C	19/08
506	F 21 V	33/00	563	F 21 V	7/04	12	H 02 M	7/00	140	H 02 M	7/44	89	G 11 C	19/00
507	B 60 Q	1/00	564	F 21 S	4/00	13	H 01 F	6/00		H 02 M	7/68	90-92	G 11 C	19/06
	B 60 Q	11/00		F 21 V	7/04	14	H 02 M		141	H 02 M		93	G 11 C	19/00
	B 60 Q	3/00	565	A 47 G	35/00	15	H 02 J	1/00		H 05 K	7/20		G 11 C	21/02
508	F 21 V	11/00		A 63 J	17/00		H 02 M	3/00	142	H 02 M	1/10	94-96	G 11 C	17/00
509	F 21 V	1/00		F 21 S	4/00		H 02 M	3/22	143	H 02 M	7/04	97-99	G 11 C	17/02
510	F 21 V	11/00		F 21 V	7/04	16-20	H 02 M	3/335	144-147	H 02 M	1/00	100-104	G 11 C	17/00
511	F 21 V	9/00	566	A 44 C	23/00	21.01-26	H 02 M	3/335	148-149	H 02 M	5/00	105	G 11 C	17/06
512-513	F 21 V	17/02		F 21 S	4/00	27-28	H 02 M	3/315	150	H 02 M	5/32	106	G 11 C	13/00
514	F 21 V	7/00		F 21 V	7/04	29-31	H 02 M	3/00	151	H 02 M	5/00	107	G 11 C	13/02
515	F 21 S	8/10	567	A 41 G	1/00	32	H 02 M	3/34	152	H 02 M	5/06	108	G 11 C	13/04
	F 21 V	14/02		F 21 S	4/00	33	H 02 M	3/42	153	H 02 M	5/10	109	G 11 C	11/22
	F 21 V	7/00		F 21 V	7/04	34	H 02 J	3/00		H 02 M	5/14		G 11 C	13/04
516-518	F 21 V	7/00	568	A 41 G	1/00	35	H 02 M	5/40	154	H 02 M	5/06	110-112	G 11 C	13/04
519	B 60 Q	1/00		A 47 G	33/00	36-37	H 02 J	3/36	155	H 02 M	5/10	113	G 11 C	13/00
	B 60 Q	3/00		F 21 V	7/04	38	H 02 M	5/45	156	H 02 M	5/06	114	G 11 C	11/34
	F 21 S	8/10	569	F 21 V	5/00	36	H 02 M		157	H 02 M	5/00	115	G 11 C	11/36
	F 21 V	19/00		F 23 D	3/16	37	H 02 M	5/458	158	H 02 M	1/00	116	G 11 C	13/00
520-522	F 21 V	5/00	570	A 43 B	5/00	38	H 02 M	5/447	159	H 02 M	5/00	117	G 11 C	11/22
523-524	F 21 V	19/02		F 21 L	4/00	39-48	H 02 M	5/456	160-162	H 02 M	5/257	118-120	G 11 C	13/00
	F 21 V	21/14		F 21 S	4/00		H 02 M	1/12	163	H 02 M	5/275	121	G 11 C	13/04
525	B 60 Q	1/06		F 21 V	5/00		H 02 M	1/14	164-165	H 02 P	11/00	122	G 11 C	13/06
	F 21 S	8/10	571	A 44 C	1/00	39	H 02 J	1/02	164-166	H 02 M	5/00	123	G 11 C	11/21
526	B 60 Q	1/06		A 44 C	5/00	49	H 02 M	1/00	167-168	H 02 M	5/22		G 11 C	13/04
	F 21 V	19/02		F 21 S	4/00	50	H 02 M	7/10		H 02 M	5/29	124-125	G 11 C	13/04
	F 21 V	21/14		F 21 V	5/00	51	H 02 H	7/00	169	H 02 M	5/253	126	G 11 C	11/46
527	B 60 Q	1/05	572	A 61 B	1/06	51	H 02 H	7/00	170	H 02 M	5/06	127-128	G 11 C	13/00
	B 60 Q	1/06		F 21 S	4/00	52-54	H 02 H	7/125	171-172	H 02 M	5/16	129-133	G 11 C	11/00
	B 60 Q	11/00		F 21 V	5/00	55	H 02 H	7/122	173	H 02 M	5/06	134-135	G 11 C	11/04
528-532	F 21 V	19/02		G 02 B	6/06	56.01-58	H 02 H	7/122	174-176	H 02 M	5/32	136	G 11 C	11/12
	F 21 V	21/14	573	A 61 B	1/06	59-61	H 02 M	3/18	177	H 02 M	5/34	137-138	G 11 C	11/04
534-537	B 60 Q	1/08		A 61 C	1/00	62	H 02 M	7/00	178	B 63 H	23/24	139	G 11 C	11/00
538	B 60 Q	1/00		A 61 C	3/00	63	H 02 M	3/06		H 02 M		140-144	G 11 C	11/08
	B 60 Q	3/00		F 21 V	5/00	64	H 02 M	7/02				145	G 11 C	11/22
539	B 60 Q	1/00		G 01 J	1/00	65	H 02 M	7/00				146-148	G 11 C	11/00
	F 21 V	11/00		G 02 F	1/00	65-72	H 02 M					149-150	G 11 C	11/24
540-542	B 60 Q	1/26	574	A 61 B	1/06	66	H 02 J	1/10				151-152	G 11 C	11/00
543	B 60 Q	3/04		A 61 B	3/00	66	H 02 M	7/15					G 11 C	13/00
	F 21 S	8/10		F 21 V	5/00	67	H 02 M	7/08					G 11 C	11/00
	F 21 V	11/00		G 02 B	6/06	68	H 02 M	7/10				153-159	G 11 C	11/44
	F 21 V	21/00		G 03 B	15/02	69-70	H 02 M	7/08				160	G 11 C	11/14
	F 21 V	29/00		G 03 B	29/00	71	H 02 M	7/48				161	G 11 C	11/44
544	F 21 V	29/00	575	F 21 V	5/00	72	H 02 J	1/10				162	G 11 C	11/44
545	F 21 S	8/10		G 02 B	21/00	73	H 02 M	7/00				163	G 11 C	11/00
	F 21 V	21												

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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 365--Con.						U.S. CLASS 368								
176-184	G 11 C	11 / 34	22-25	B 28 C	5 / 46		B 01 F	7 / 00	HOROLOGY: TIME			155-159	G 06 F	1 / 04
185.01-185.07	G 11 C	11 / 34	26	B 28 C	5 / 00	208-219	B 01 F	11 / 00	MEASURING SYSTEMS OR DEVICES			155-167	G 04 F	5 / 00
	G 11 C	16 / 04	27-29	B 28 C	7 / 00	220-236	B 01 F	9 / 00	1-9	G 04 F	10 / 00	155	G 04 C	15 / 00
185.08	G 11 C	11 / 34	30-41	B 28 C	7 / 04	237-243	B 01 F	11 / 00	10	G 04 F	8 / 00	168-169	G 04 B	17 / 00
	G 11 C	14 / 00	30	B 28 C	7 / 14	244-254	B 01 F	7 / 00	11	G 04 B	47 / 00	170-174	G 04 B	17 / 20
185.09	G 11 C	11 / 34	42-52	B 28 C	7 / 16	255-261	B 01 F	11 / 00	12	G 04 B	47 / 06	175-178	G 04 B	17 / 04
	G 11 C	16 / 06	53-63	B 28 C	5 / 18	262-270	B 01 F	5 / 12	13	G 04 B	47 / 00	179-180	G 04 B	17 / 02
185.1-185.19	G 11 C	11 / 34	64-67	B 28 C	5 / 08	271	B 01 F	13 / 00	14	G 04 B	47 / 06	180	G 04 B	17 / 10
	G 11 C	16 / 04	68	B 28 C	7 / 16	272	B 01 F	7 / 00	15-20	G 04 B	19 / 26	181	G 04 B	17 / 00
185.2-185.23	G 11 C	11 / 34	69	A 21 C	1 / 00	273-274	B 01 F	13 / 08	21-27	G 04 B	19 / 22	182	G 04 B	17 / 22
	G 11 C	16 / 06		A 23 G	1 / 00	275-278	B 01 F	11 / 00	28-40	G 04 B	19 / 24	183	G 04 B	17 / 02
185.24	G 11 C	11 / 34		A 23 G	1 / 10	279-324	B 01 F	7 / 00	29-30	G 04 C	17 / 00	184	G 04 B	17 / 00
	G 11 C	16 / 04		B 01 F	7 / 00	325.1-325.94	B 01 F	7 / 00	31-32	G 04 B	27 / 00		G 04 C	5 / 00
185.25	G 11 C	11 / 34		B 28 C	1 / 16	326.1	B 01 F	7 / 00	31-33	G 04 B	3 / 00	185-186	G 04 B	18 / 00
	G 11 C	16 / 06		B 28 C	3 / 00	327.1-327.4	B 01 F	7 / 00	34-36	G 04 B	27 / 00	185	G 04 B	27 / 00
185.26-185.33	G 11 C	11 / 34	70	A 23 G	3 / 10	328.1-328.4	B 01 F	7 / 00	35-40	G 04 B	19 / 20	186	G 04 B	17 / 30
	G 11 C	16 / 04	71-74	A 21 C	1 / 08	329.1-329.3	B 01 F	7 / 00	41-45	G 04 B	45 / 00	187-189	G 04 C	9 / 00
186-188	G 11 C	11 / 34		B 01 F	7 / 12	330.1-331	B 01 F	7 / 00	46	G 04 C	11 / 00	188	G 04 B	17 / 00
189.011	G 11 C	7 / 00		B 01 F	7 / 28	332-335	B 01 F	11 / 00	47	G 04 C	13 / 00	190	G 04 B	27 / 02
	G 11 C	7 / 22		B 28 C	3 / 00	336-340	B 01 F	5 / 06	48	G 04 C	13 / 02	191-195	G 04 B	27 / 04
189.02	G 11 C	7 / 00	75	A 21 C	1 / 10	341-344	B 01 F	13 / 00	49-51	G 04 C	13 / 00	196-199	G 04 B	27 / 02
	G 11 C	7 / 10		B 01 F	7 / 00	345-349	B 01 F	15 / 00	52-58	G 04 C	13 / 04	200-201	G 04 B	18 / 00
189.03-189.06	G 11 C	7 / 10	76.1-76.93	A 21 C	1 / 00	348-349	B 01 F	13 / 00	55	G 04 C	11 / 04	202	G 04 B	17 / 20
	G 11 C			B 29 B	7 / 00				59	G 04 C	13 / 08	203-205	G 04 B	1 / 00
189.07	G 11 C	7 / 06	77	B 29 C	47 / 10				60-61	G 04 C	13 / 10	206-207	G 04 C	3 / 00
	G 11 C		78-100	B 28 C	1 / 16				62	G 04 C	15 / 00	206	G 04 B	3 / 00
189.08	G 11 C	7 / 10	79-100	B 28 C	3 / 00				63	G 04 C	21 / 08	208	G 04 B	5 / 02
	G 11 C			B 29 B	7 / 00				64	G 04 C	21 / 14	209	G 04 B	5 / 24
189.09	G 11 C	5 / 14	79-91	A 21 C	1 / 06				65	G 04 C	13 / 08	210-212	G 04 B	9 / 00
	G 11 C			B 01 F	7 / 08				66	G 04 C	13 / 10	213-216	G 04 B	3 / 00
189.11-189.12	G 11 C	7 / 00		B 01 F	7 / 24				67-68	G 04 B	19 / 30	217-219	G 04 C	3 / 00
189.14-189.16	G 11 C	7 / 00	97-100	A 21 C	1 / 00				69-70	G 04 C	17 / 00	220-222	G 04 B	19 / 02
	G 11 C	7 / 22		B 01 F	7 / 00				71-75	G 04 C	23 / 00	223-225	G 04 B	19 / 00
189.17	G 11 C	7 / 10	101-107	B 01 F	13 / 02				76	G 04 B	19 / 00	226	G 04 B	17 / 00
189.18-189.19	G 11 C	7 / 00	108-126	B 01 F	11 / 00				77-78	G 04 B	19 / 20	227	G 04 B	19 / 30
	G 11 C	7 / 18	108	B 28 C	5 / 48				79	G 04 B	19 / 00	228-230	G 04 B	19 / 06
189.2-198	G 11 C	7 / 00	127	B 01 F	11 / 02				80-81	G 04 B	19 / 04	228	G 04 B	19 / 04
199	G 11 C	11 / 063	128	B 01 F	11 / 00				82-87	G 04 C	19 / 00	229	G 04 B	25 / 06
	G 11 C	7 / 00	129-130	B 01 F					88	G 04 B	37 / 00	230	G 04 B	25 / 02
200-201	G 11 C	29 / 00	129	B 01 F	15 / 00				89-90	G 04 F	1 / 00	231	G 04 B	19 / 16
	G 11 C	7 / 00	130	B 01 F	13 / 00				90-92	G 04 F	3 / 00	232-237	G 04 B	19 / 06
202-205	G 11 C	7 / 00	131-137	B 01 F	15 / 02				91	G 04 F	1 / 04	238	G 04 B	19 / 04
206-210.15	G 11 C	7 / 02	137.1	B 01 F	5 / 00				93-95	G 04 F	1 / 04	239	G 04 C	17 / 00
211	G 11 C	7 / 04	138	B 01 F	15 / 00				96-100	G 04 F	3 / 00	240	G 04 C	19 / 00
212	G 11 C	11 / 34	139	B 01 F	13 / 06				101-106	G 04 F	7 / 00	241-242	G 04 C	17 / 02
	G 11 C	7 / 04	140	B 01 F	15 / 00				107-123	G 04 F	10 / 00	243	G 04 C	19 / 02
213	G 11 C	7 / 04	141	B 01 F	15 / 04				124-138	G 04 F	8 / 00	244	G 04 B	25 / 04
214	G 11 C	7 / 02	142-143	B 01 F	15 / 00				124	G 04 B	15 / 00	246	G 04 B	23 / 06
215-216	G 11 C	13 / 04	144-149	B 01 F	15 / 06				129	G 04 B	1 / 00		G 04 C	21 / 00
	G 11 C	7 / 00	150.1	B 01 F	15 / 02				139	G 04 B	1 / 10	247-248	G 04 B	23 / 08
217-225	G 11 C	7 / 00	151.1-151.2	B 01 F	15 / 02				140	G 04 B	1 / 20	249	G 04 C	21 / 16
225.5	G 11 C	11 / 06		G 05 D	11 / 02				141	G 04 B	5 / 24	250	G 04 C	21 / 00
	G 11 C		152.1-152.2	G 05 D	11 / 02				142	G 04 B	9 / 02	251-259	G 04 C	21 / 16
225.6	G 11 C	7 / 00	152.2	G 05 D	11 / 04				143	G 04 B	19 / 00	251	G 04 C	23 / 14
	G 11 C		152.3	G 05 D	11 / 12				144	G 04 B	19 / 06	252-253	G 04 C	23 / 18
225.7	G 11 C	17 / 18	152.4	G 05 D	11 / 13				145	G 04 B	19 / 06	260-266	G 04 B	23 / 00
	G 11 C		152.5-152.6	B 01 F	15 / 02				146	G 04 B	19 / 06	267-275	G 04 B	21 / 00
226-229	G 11 C	5 / 14		G 05 D	11 / 02				147	G 04 C	23 / 02	268-274	G 04 B	19 / 00
	G 11 C		153.1	B 01 F	15 / 02				148	G 04 C	23 / 02		G 04 B	25 / 04
230.01-230.09	G 11 C	8 / 00		G 05 D	11 / 02				149	G 04 F	1 / 00	244	G 04 B	25 / 04
231-232	G 11 C	8 / 02	153.2	B 01 F	13 / 00				150	G 04 F	3 / 00	246	G 04 B	23 / 06
233.1	G 11 C	8 / 00	153.3	B 01 F	15 / 02				151-152	G 04 F	1 / 00		G 04 C	21 / 30
233.11-233.12	G 11 C	8 / 18	154.1-154.2	B 01 F	15 / 02				153	G 04 F	1 / 04	247-248	G 04 B	23 / 08
233.13	G 11 C	8 / 16	155.1-155.2	B 01 F	15 / 02				154	G 04 F	1 / 04	249	G 04 C	21 / 00
233.14-233.19	G 11 C	8 / 00	156.1-156.2	B 01 F	15 / 02				155	G 04 F	3 / 00	250	G 04 C	21 / 16
	G 11 C	8 / 18	157.1-157.4	B 01 F	15 / 02				156	G 04 F	1 / 00	251-259	G 04 C	21 / 16
233.5	G 11 C	8 / 18	158.1-158.5	B 01 F	15 / 02				157-167	G 04 F	7 / 00	251	G 04 C	23 / 14
	G 11 C		159.1	B 01 F	15 / 02				168	G 04 F	10 / 00	252-253	G 04 C	23 / 18
234-235	G 11 C	13 / 04	160.1-160.5	B 01 F	15 / 04				169-179	G 04 F	10 / 00	260-266	G 04 B	23 / 00
	G 11 C	8 / 00	162.1-162.3	B 01 F	15 / 04				170	G 04 F	8 / 00	267-275	G 04 B	21 / 00
236-238	G 11 C	8 / 00	162.4-162.5	B 01 F	13 / 00				171-173	G 04 F	8 / 00	268-274	G 04 B	19 / 00
238.5	G 11 C	7 / 10	163.1-163.2	B 01 F	15 / 00				174-175	G 04 F	5 / 00		G 04 B	25 / 00
	G 11 C		164.1-164.6	B 01 F	15 / 00				176	G 04 B	1 / 00	276-317	G 04 B	37 / 00
239	G 11 C	8 / 00	165.1-165.5	B 01 F	15 / 00				177	G 04 B	1 / 10	278-279	G 04 B	37 / 12
240	G 11 C	19 / 00	166.1	B 01 F	15 / 00				178	G 04 B	1 / 20	281	A 44 C	5 / 00
	G 11 C	8 / 00	167.1-167.2	B 01 F	15 / 00				179-179	G 04 B	5 / 24	285	G 04 B	47 / 04
241-243.5	G 11 C	8 / 00	168.1-168.2	B 01 F	15 / 00				180	G 04 B	9 / 02	293	G 04 B	43 / 00
244	G 11 C	11 / 06	169.1-169.2	B 01 F	15 / 00				181	G 04 B	9 / 02	294-296	G 04 B	39 / 00
	G 11 C		170.1-170.4</											