

**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
<b>U.S. CLASS 250--Con.</b>														
557	G 06 K	7 / 015	369	F 16 K	1 / 48	62.9PZ	C 04 B	35 / 00		C 01 B	15 / 01		C 09 K	3 / 00
558	G 01 C	11 / 12				62.9R	C 04 B	35 / 495		C 01 B	15 / 037		C 22 B	3 / 00
559.01-559.44	G 01 N	21 / 86					H 01 L	41 / 18		C 09 K	3 / 00	187.21	A 62 D	3 / 00
	G 01 V	8 / 00		<b>U.S. CLASS 252 COMPOSITIONS</b>				H 01 L	41 / 187		D 06 L	3 / 02	A 62 D	9 / 00
559.45-559.49	G 01 N	21 / 88				67-69	C 09 K	5 / 00	186.3	A 01 N			C 01 B	11 / 02
564-565	G 01 N	21 / 00	1	C 09 K	3 / 00		C 09 K	5 / 04		A 62 D	3 / 00		C 09 K	3 / 00
566-570	G 06 K	7 / 10					C 10 M			A 62 D	9 / 00	187.22	A 01 N	
573-577	G 01 N	15 / 06	2-5	A 62 C			F 25 D			C 01 B	15 / 00		A 62 D	3 / 00
	G 01 N	21 / 49		A 62 D	1 / 00	70	C 09 K	3 / 18		C 01 B	15 / 12		A 62 D	9 / 00
	G 01 N	21 / 85	6-6.5	A 62 C		71-79	C 09 K	5 / 00		C 09 K	3 / 00		C 01 B	11 / 02
578.1	H 01 J	40 / 14		A 62 D	1 / 00	79.1	C 09 K	13 / 00	186.31	A 01 N			C 01 B	7 / 01
580-581	G 03 C	5 / 16		A 62 D	1 / 06	79.2	C 09 K	13 / 04		A 62 D	3 / 00		C 09 K	3 / 00
	G 21 K	4 / 00	7-8.05	A 62 C		79.3	C 09 K	13 / 08		A 62 D	9 / 00	187.23	A 01 N	
580-591	G 01 N	23 / 04		A 62 D	1 / 00	79.4	C 09 K	13 / 06		C 01 B	15 / 00		A 62 D	3 / 00
581-583	A 61 B	6 / 00	8.57	C 14 C	9 / 00	79.5	C 09 K	13 / 02		C 01 B	15 / 12		A 62 D	9 / 00
583	H 01 J	37 / 22	8.61	D 06 M	15 / 643	88.1-88.2	C 09 K	3 / 22		C 09 K	3 / 00		C 01 B	11 / 02
584-585	G 01 T	1 / 105		D 06 M		175-179	C 02 F	5 / 02		C 11 D	3 / 39		C 01 B	11 / 10
	G 03 B	42 / 08	8.62	D 06 M	15 / 263		C 02 F	5 / 08	186.32	A 01 N		187.24-187.26	A 01 N	
585	G 02 B	26 / 10		D 06 M		180-181	C 02 F	5 / 10		A 62 D	3 / 00		C 11 D	3 / 395
586	G 11 B	7 / 135	8.63	D 06 M	13 / 224	181.1-181.7	H 01 J	35 / 20		A 62 D	9 / 00	187.27-187.29	A 01 N	
589-590	B 65 H	5 / 00		D 06 M			H 01 J	7 / 18		C 01 B	15 / 043		C 01 B	11 / 06
	B 65 H	7 / 00	8.81	D 06 M	13 / 224		H 01 K	1 / 56		C 09 K	3 / 00	187.3	A 62 D	3 / 00
591	G 02 B	26 / 10		D 06 M	15 / 53	182.1	H 01 M	4 / 88		C 11 D	3 / 39		A 62 D	9 / 00
				D 06 M		182.11-183.16	C 09 K	3 / 00	186.33	A 01 N		187.31	C 01 B	11 / 06
			8.82	C 08 J	5 / 06	184	C 01 B	31 / 16		A 62 D	3 / 00		C 09 K	3 / 00
				D 06 M	13 / 224		C 09 K	3 / 00		A 62 D	9 / 00		A 01 N	
				D 06 M		185	C 09 K	3 / 00		C 01 B	13 / 00		A 62 D	3 / 00
			8.83	D 06 M	15 / 333		C 10 G	19 / 06		C 09 K	3 / 00		A 62 D	9 / 00
				D 06 M		186.1	A 01 N			C 11 D	3 / 39		C 01 B	11 / 14
			8.84	D 06 M	13 / 224		A 62 D	3 / 00	186.34	A 01 N			C 01 B	11 / 18
				D 06 M	15 / 53		A 62 D	9 / 00		A 62 D	3 / 00		C 01 B	13 / 02
				D 06 M			C 01 B	11 / 00		A 62 D	9 / 00		C 09 K	3 / 00
			8.85	D 06 M	13 / 52		C 01 B	7 / 00		C 01 B	11 / 06	187.32	A 01 N	
				D 06 M			C 02 F	1 / 00		C 07 C	17 / 00		A 62 D	3 / 00
			8.86	D 06 M	13 / 02		C 09 K	3 / 00		C 09 K	3 / 00		A 62 D	9 / 00
				D 06 M	13 / 224		C 11 D	3 / 39		C 11 D	3 / 395		C 01 B	11 / 04
				D 06 M		186.2	A 01 N		186.35	A 01 N		187.33	C 09 K	3 / 00
			8.91	D 06 M	23 / 06		A 62 D	3 / 00		A 62 D	3 / 00		A 01 N	
				D 06 M			A 62 D	9 / 00		A 62 D	9 / 00		A 62 D	3 / 00
			60	B 03 D	1 / 001		C 01 B	11 / 00		C 01 B	11 / 06		A 62 D	9 / 00
			61	B 03 D	1 / 001		C 01 B	13 / 00		C 07 D	251 / 00		C 01 B	11 / 06
				C 22 B	1 / 00		C 01 B	7 / 00		C 09 K	3 / 00		C 09 K	3 / 00
				C 22 B	3 / 00		C 09 K	3 / 00		C 11 D	3 / 395		D 06 L	3 / 06
			62	E 04 B	1 / 74		C 11 D	3 / 395	186.36	A 01 N		187.34	A 01 N	
			62.2	H 01 G	9 / 02	186.21	A 01 N			A 62 D	3 / 00		A 62 D	3 / 00
				H 01 G			A 62 D	3 / 00		A 62 D	9 / 00		A 62 D	9 / 00
			62.3BT	C 04 B	35 / 00		A 62 D	9 / 00		C 01 B	11 / 00		C 01 B	11 / 06
				H 01 L	29 / 12		C 01 B	11 / 00		C 01 B	7 / 00		C 07 D	251 / 00
			62.3C-62.3E	C 04 B	35 / 00		C 01 B	13 / 00		C 09 K	3 / 00		C 09 K	3 / 00
				H 01 L	29 / 12		C 01 B	13 / 02		C 11 D	3 / 395		C 11 D	3 / 395
			62.3GA	C 04 B	35 / 00		C 01 B	7 / 00	186.37	A 01 N		188.1	B 01 D	19 / 00
				H 01 L	29 / 12		C 09 K	3 / 00		A 62 D	3 / 00		C 01 B	3 / 00
			62.3Q-62.3R	C 04 B	35 / 00	186.22	A 01 N			A 62 D	9 / 00		C 01 B	6 / 00
				H 01 L	29 / 12		A 62 D	3 / 00		C 01 B	11 / 00		C 02 F	1 / 70
			62.3S	C 04 B	35 / 00		A 62 D	9 / 00		C 01 B	11 / 06		C 06 B	23 / 00
				H 01 L	29 / 12		C 01 B	13 / 02		C 01 B	7 / 00		C 06 B	43 / 00
			207	H 01 L	29 / 18		C 01 B	15 / 00		C 09 K	3 / 00		C 06 D	5 / 00
			62.3T	C 04 B	35 / 00		C 09 K	3 / 00	186.38-186.39	A 01 N		188.2	C 09 K	3 / 00
				H 01 L	29 / 12	186.23	A 01 N			C 11 D	3 / 39		B 01 D	19 / 00
			62.3V	C 04 B	35 / 00		A 62 D	3 / 00	186.4	A 01 N			C 02 F	1 / 70
				H 01 L	29 / 12		A 62 D	9 / 00		A 62 D	3 / 00		C 09 K	3 / 00
				H 01 L	29 / 22		C 01 B	15 / 00		A 62 D	9 / 00	188.21	B 01 D	19 / 00
			62.3ZB-62.3ZT	C 04 B	35 / 00		C 07 C	409 / 00		C 01 B	15 / 00		C 01 B	17 / 62
				H 01 L	29 / 12		C 09 K	3 / 00		C 01 B	7 / 00		C 09 K	3 / 00
			62.51C	C 04 B	35 / 00	186.24	A 01 N			C 09 K	3 / 00	188.22-188.24	B 01 D	19 / 00
				C 09 D	5 / 23		A 62 D	3 / 00		C 11 D	3 / 39		C 01 B	17 / 66
				H 01 F	1 / 00		A 62 D	9 / 00	186.41	A 01 N			C 09 K	3 / 00
				H 01 L	29 / 12		C 01 B	13 / 00		A 62 D	3 / 00	188.25-188.26	C 01 B	3 / 00
			62.51R	C 04 B	35 / 00		C 01 B	13 / 02		A 62 D	9 / 00		C 01 B	6 / 00
				C 09 D	5 / 23		C 09 K	3 / 00		C 01 B	15 / 01		C 06 B	23 / 00
				H 01 F	1 / 00	186.25	A 01 N			C 09 K	3 / 00		C 06 B	43 / 00
			62.52	C 04 B	35 / 00		A 62 D	3 / 00		C 11 D	3 / 39		C 06 D	5 / 00
				C 09 K	3 / 00		A 62 D	9 / 00	186.42-186.43	A 01 N			C 09 K	3 / 00
				G 01 N	27 / 82		C 01 B	11 / 00		A 62 D	3 / 00	188.27	C 01 B	6 / 06
				H 01 F	1 / 28		C 01 B	13 / 00		A 62 D	9 / 00		C 06 B	23 / 00
			62.53	C 04 B	35 / 64		C 01 B	15 / 00		C 01 B	15 / 00		C 06 B	43 / 00
				H 01 F	1 / 00		C 01 B	7 / 00		C 09 K	3 / 00		C 06 D	5 / 00
				H 01 F	1 / 28		C 09 K	3 / 00		C 11 D	3 / 39		C 09 K	3 / 00
			62.54	C 04 B	35 / 04		C 11 D	3 / 39	186.44	A 01 N		188.28	C 01 B	3 / 00
				H 01 F	1 / 00	186.26-186.27	A 01 N			A 62 D	9 / 00		C 01 B	6 / 00
				H 01 F	1 / 26		A 62 D	3 / 00		C 09 K	3 / 00		C 02 F	1 / 70
			62.55	B 22 F	3 / 00		A 62 D	9 / 00		D 06 L	3 / 06		C 06 B	23 / 00
				C 04 B	35 / 64		C 01 B	15 / 00	187.1	A 01 N			C 06 B	43 / 00
				H 01 F	1 / 04		C 09 K	3 / 00		A 62 D	3 / 00		C 09 K	3 / 00
				H 01 F	1 / 14		C 11 D	3 / 39		A 62 D	9 / 00	189-194	C 09 K	3 / 00
			62.56	C 01 G	49 / 08	186.28	A 01 N			C 01 B	11 / 00	299.01	C 09 K	19 / 52
				C 04 B	35 / 26		A 62 D	3 / 00		C 01 B	7 / 00	299.1	C 09 K	19 / 00
				C 04 B	35 / 64		A 62 D	9 / 00		C 09 K	3 / 00	299.2-299.3	C 09 K	19 / 58
			62.57	C 04 B	35 / 40		C 01 B	15 / 01		C 11 D	3 / 395	299.4	C 09 K	

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U.S.			IPC			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	Subclass	Subclass	Notation	Subclass	Subclass	Notation
<b>U.S. CLASS 252--Con.</b>																							
299.64	C 09 K	19/20	H 01 B		1/22	3B-3C	B 60 P	1/04	264-266	B 66 D	1/00	<b>U.S. CLASS 257 ACTIVE SOLID-STATE DEVICES (E.G., TRANSISTORS, SOLID-STATE DIODES)</b>											
299.65-299.66	C 09 K	19/12	H 01 C			B 66 F	7/22	267-271	B 66 D	1/48													
299.67	C 09 K	19/20	H 01 B		1/04	3C	B 66 F	9/06	272-275	B 66 D	1/50												
299.68	C 09 K	19/22	H 01 C			3R	B 60 P	3/07	276	B 66 D	1/48												
299.7	C 09 K	19/36	H 01 B		1/06		B 62 B	3/04	277	B 66 D	1/00												
301.16-301.32	C 09 K	11/06	H 01 B		1/24		B 66 F	7/24	278-282	B 66 D	1/26												
301.33	C 09 K	11/06	H 01 C			4B-4R	B 60 P	1/14	280-281	B 66 D	1/36												
	C 09 K	11/08	H 01 B		1/06		B 60 P	1/22	283-286	B 66 D	1/36												
301.34-301.36	C 09 K	11/02	H 01 C			4B	B 66 F	7/02	287-290	B 66 D	1/26												
301.4F	C 09 K	11/08	H 05 B		7/085	4C	E 04 F	21/18	289	B 66 D	1/14												
	C 09 K	11/66	H 01 B		1/06	5B-5C	B 60 P	1/02	291	B 66 D	1/08												
301.4H	C 09 K	11/08	H 01 B		1/18		B 62 B	3/06	292	B 66 D	1/12												
	C 09 K	11/61	H 01 C			5R-6B	B 66 F	5/02	293-296	B 66 D	1/14												
301.4P	C 09 K	11/08	H 01 B		1/06	5R	B 41 D	5/00	293	B 66 D	1/26												
	C 09 K	11/70	H 01 B		1/24	6B-6R	B 60 P	1/12	297	B 66 D	1/22												
301.4R	C 09 K	11/02	H 01 C				B 60 P	1/20	298-310	B 66 D	1/14												
	C 09 K	11/08	H 01 B		1/02	6C	E 04 F	21/18		B 66 D	1/26												
	C 09 K	11/77	H 01 B		1/22	7B-7C	B 60 P	1/10	311-312	B 66 D	1/20												
301.4S	C 09 K	11/08	H 01 C			7B	B 66 F	5/00	313	B 66 D	1/14												
	C 09 K	11/56	H 01 B		1/02	7C-7R	B 66 F	3/08	314	B 66 D	1/10												
301.5	C 09 K	11/68	H 01 C			7R	B 66 F	3/12	315	B 66 D	1/08												
301.6F	C 09 K	11/54	H 01 J		1/14		B 66 F	5/02	316	B 66 D	1/12												
	C 09 K	11/66	H 01 B		1/04			1/48	317-320	B 66 D	1/14												
301.6P	C 09 K	11/54	H 01 C			11	B 66 F	3/00		B 66 D	1/26												
	C 09 K	11/70	H 05 B		3/14	12	B 66 F	3/02	321	B 66 D	5/02												
301.6R	C 09 K	11/70	H 01 B		1/00	13	B 66 F	3/08	322	B 66 D	5/06												
	C 09 K	11/72	H 01 C		7/04	14-17	B 66 F	3/00		B 66 D	5/12												
	C 09 K	11/77	H 01 C			18-27	B 66 F	15/00	323-324	B 66 D	1/00												
301.6S	C 09 K	11/54	H 01 B		1/02	18-28	B 25 C	11/00	325-327	B 66 D	1/36												
	C 09 K	11/56	H 01 B		1/08	28.5	B 66 F	7/26	328-333	B 66 D	1/00												
363.5	B 01 F	3/00	519.1-519.15	H 01 B	1/02	29A	E 04 G	21/12	334-338	B 66 D	1/36												
	C 09 K	3/00	519.2-519.21	H 01 B	1/02	32	B 66 F	7/20	339-343	B 66 D	1/14												
364	B 01 G	1/00	519.3	H 01 B	1/12	33-34	B 66 F	7/26	344	B 66 D	1/22												
	C 23 G	5/00	519.32-519.34	H 01 B	1/12	35-38	B 60 S	9/22	345-357	B 66 D	1/14												
365	C 09 K	3/00	519.4	H 01 B	1/06	39	E 05 F	3/00	358-359	B 66 D	1/20												
366	C 12 F	5/00	519.5-521.2	H 01 B	1/02	40-42	B 41 B	1/20	360	B 66 D	3/16												
367.1	C 11 D	13/00	521.3-521.5	H 01 B	1/02	43-44	E 01 B	29/22	361	B 66 D	1/08												
	C 11 D	15/00		H 01 B	1/06	45-50	B 66 F	7/26	362	B 66 D	1/12												
372	C 01 B	31/20		H 01 B	1/02	50.1-50.4	B 60 C	25/14	363-370	B 66 D	1/14												
	C 06 D			H 01 B	1/06	84	B 66 F	5/00	371-372	B 66 D	1/30												
	C 10 J	3/00	521.6	H 01 B	1/06	85	B 66 F	3/08	373	B 66 D	1/34												
373	C 01 B	3/38	567	H 01 B	3/48	88	E 02 C	3/00	374	B 66 D	1/30												
	C 07 C	1/02	570	H 01 B	3/24	89H	B 66 F	7/10	375	B 66 D	5/02												
	C 10 K		571-580	H 01 B	3/20	92	B 66 F	7/14	376	B 66 D	5/32												
374	C 01 B	3/04	581	H 01 B	3/24	93A	B 66 F	3/08	377	B 66 D	5/02												
	C 06 D		582	F 21 V	9/00	93H	B 66 F	3/44	378	B 66 D	5/08												
	C 10 J			G 02 B	5/02	93HP	B 66 F	3/24	379	B 66 D	5/26												
375-377	C 01 B	3/02		G 02 C	7/10	93L	B 66 F	3/42	380	B 66 D	3/00												
	C 06 D			G 02 F	1/361	93R	B 66 F	3/35	381	B 66 D	1/00												
	C 10 J			G 03 B	11/00	93VA	B 60 S	9/10	382-383	B 66 D	3/00												
378P-378R	C 04 B	14/00	583	C 09 K	9/00		B 66 F	7/16	384-387	B 66 F	1/00												
	C 04 B	16/00		G 02 F	1/00		E 21 D	15/44	388	B 66 B	1/00												
	C 04 B	18/00	584	G 02 B	5/20		B 60 S	9/10	389-392	B 66 D	3/04												
	C 04 B	20/06	585	F 21 V	9/14		B 66 F	3/24	393-400	B 66 D	3/08												
380	C 09 K	3/00		G 02 C	7/12		B 66 F	7/22	401-404	B 66 D	3/06												
381	B 27 K		586	G 02 B	5/23		B 66 F	3/02	405-417	B 66 D	3/04												
	C 09 K	3/00	587-589	F 21 V	9/04		B 66 F	3/08	418-420	B 60 S	9/02												
	G 03 C	11/08		F 21 V	9/06		B 66 F	3/16	421	B 60 S	9/14												
382	C 09 K	3/00		G 02 B	5/22	98-99	B 66 F	3/08	422-427	B 60 S	9/02												
383	A 23 L	1/00	600	G 02 B	5/26	100	B 66 F	3/36															
384-385	C 09 K	3/00		G 03 C	1/00	101	B 66 F	3/38															
387-396	C 09 K	3/00		G 03 G	5/00	102	B 66 F	3/10															
	C 23 F	11/00		C 09 K	11/04	103	B 66 F	3/18															
397	C 09 K	15/00		C 09 K	3/00	104	B 66 F																
398	C 09 K	15/34		C 09 K	11/04	105-107	B 66 F	1/00															
399	C 09 K	15/04		G 21 G	4/00	108-112	B 66 F	1/04															
400.1-400.62	C 09 K	15/32		C 09 K	11/00	113-120	B 66 F	3/00															
401	C 09 K	15/16		C 09 K	11/04	121	E 01 B	29/22															
402	C 09 K	15/26		C 09 K	11/04	122	B 66 F	3/22															
403	C 09 K	15/22		G 21 G	4/00	123-134	B 66 F	3/00															
404	C 09 K	15/00		C 09 K	11/04	132	A 01 B	1/16															
405	C 09 K	15/16		C 09 K	11/04	133A	B 66 F	1/06															
406	C 09 K	15/10		C 09 K	11/04	134.3CL	H 02 G	1/02															
407	C 09 K	15/06		C 09 K	11/04		H 02 G	7/10															
408.1	G 01 N	31/00		H 01 K	3/16		H 02 G	1/08															
	G 01 N	33/00		C 09 K	3/00		H 02 G	1/02															
478	A 62 D						H 02 G	1/02															
	C 04 B	35/66					B 63 B	35/03															
	C 09 K	3/00					B 65 H	59/00															
	E 04 B						E 21 C	29/16															
	G 21 C	5/12					H 02 G	1/08															
	G 21 C	7/24					B 63 B	35/04															
	G 21 F	1/10					H 02 G	1/10															
492	F 21 H	1/02					B 65 H	59/00															
500	H 01 B	1/00					E 21 C	29/16															
	H 01 B	1/12					H 02 G	1/08															
	H 01 C						B 63 B	35/04															
501.1	C 09 B	67/00					H 02 G	1/10															
	H 01 C	13/00					B 65 H	59/00															
	H 01 L						E 21 C	29/16															
502	H 01 B	1/04					H 02 G	1/08															
	H 01 C						B 25 B	25/00															
503	H 01 B	1/04					B 21 F	9/00															
							B 65 H	77/00															
							B 21 F	9/00															
							B 66 F	3/00															