

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 8—Con.														
473	D 06 P	1/00	682-684	C 09 B	29/00	31.5-31.6	A 43 D	87/00	142R	A 43 D	21/00	3.1-3.21	A 01 K	43/00
474	D 06 P	1/673	685-687	C 09 B	45/00	32-32.1	A 43 D	43/00		A 43 D	9/00		A 23 N	12/00
475	D 06 P	1/94	688-696	C 09 B	29/00		A 43 D	91/00	142RS	A 43 B	13/04	3.5-3.52	B 08 B	9/00
476	D 06 P	5/20				33-38	A 43 D	89/00		A 43 B	9/00		B 08 B	9/20
477	D 06 P	1/96				39	A 43 D	63/00	142S	A 43 B	3/12	3.53	B 43 L	19/00
478-487	D 06 P	5/00				39.3	A 43 D	91/00	142T	A 43 B	13/28	4-21.2	A 63 B	47/04
488	D 04 H	11/00				39.5	A 43 D	95/00		A 43 B	9/00		A 63 D	5/10
	D 06 P					40	A 43 D	8/00	142V	A 43 B	7/06		B 60 S	3/00
489	D 06 P	7/00				40.5	A 43 D	31/00	142W	A 41 D	17/00	4-29	A 46 B	13/00
490-493	D 06 P	5/00				41.05	A 43 D	63/00	145	A 43 D	29/00		A 47 L	11/00
491	D 06 P	7/00				41.1-41.2	A 43 D	11/14		A 43 D	31/00	23-29	A 47 L	21/02
494-496	D 06 P						A 43 D	8/52	146B-146C	A 43 D	8/00	23-37	A 47 L	23/02
494	D 06 M	23/00				41.3	A 43 D	95/06	146BC-146BP	A 43 D	8/00	30-37	A 47 L	23/06
495	D 06 P	1/52				41.5	A 43 D	11/14	146BR	A 43 B	13/04	38	A 46 B	17/06
496	D 06 P	1/56					A 43 D	95/12	146C	A 43 D	11/00		A 46 B	
497	D 06 P	7/00				41.7	B 29 D	61/00	146CK	A 43 D	11/00	39	A 45 D	24/40
498-499	D 06 P	5/00				42B-42R	A 43 D	67/00		A 43 D	8/00	39.5-40	A 47 L	11/00
500	D 06 P	7/00				42B	A 43 D	25/06	146D	A 43 B	23/08	39.5	A 46 B	11/00
501-508	D 06 P	5/00						83/00	146L	A 43 D	3/00		A 46 B	3/00
509	D 06 P	3/52				42R	A 43 D	11/00	146M	A 43 B	7/14		A 46 B	5/00
510-511	D 06 P	3/70					A 43 D	21/00	146R	A 43 B	13/38		A 46 B	7/00
512	D 06 P	3/52					A 43 D	25/00		A 43 B	23/02		A 46 B	9/00
513-514	D 06 P	3/79				1R-1W	A 43 D	27/00		A 43 D	11/00		A 47 L	13/00
515	D 06 P	3/24				1R	A 43 D	33/00		A 43 D	31/00	40-48.2	D 06 G	1/00
516	D 06 P	3/04					A 43 D	87/00	146S	A 43 D	31/00	40	D 06 G	
517	D 06 P	3/14					A 43 D	95/00	146W	A 43 B	15/00	41.1-48.2	A 47 L	11/32
	D 06 P	3/24				1W	A 43 D	21/12	147A	A 43 B	21/06	49.1-52	A 47 L	11/00
518-519	D 06 P	3/60				4.1	A 43 D	86/00	147B	A 43 D	25/12	51-52.2	A 47 L	13/00
520	D 06 P	3/58				4.2	A 43 D	89/00	147C	A 43 D	25/00	53.1-53.4	B 60 S	3/00
521	D 06 P	3/00				4.3-4.5	A 43 D	53/00	147R	A 43 D	33/00	54-55	B 61 F	19/00
522-523	D 06 P	3/80				4.4	A 43 D	47/00					E 01 H	8/00
524-526	C 09 B	67/02				4.6	A 43 D	85/00				56-76	B 08 B	9/20
527-528	C 09 B	67/00				7-7.1	A 43 D	21/00				57-58	A 47 L	15/00
529-534	D 06 P	3/82				7-7.2	A 43 D	23/00				59-77	B 08 B	9/46
535	D 06 P	3/58				7	A 43 D	75/00				77	A 47 L	15/00
536-538	D 06 P	3/60				7.1-7.2	A 43 D	8/00				78-87	E 01 H	1/02
538	D 06 P	3/70				7.1	A 43 D	27/00					E 01 H	1/04
539-540	D 06 P	3/00				7.3-7.4	A 43 D	21/00				88-88.4	A 47 L	15/00
541-543	C 09 B	62/00				7.3	A 43 D	44/00					A 47 L	25/00
544	C 09 B	62/02				7.4	A 43 D	11/00				89-92	A 47 L	11/36
	C 09 B	62/54				7.5	A 43 D	113/00				93.1-93.4	A 01 K	31/04
546-549	C 09 B	62/00				7.6	A 43 D	75/00					B 08 B	9/38
550-635	C 09 B	67/00				7.7-7.8	A 43 D	43/00					B 23 D	79/02
550	D 06 P					7.7	A 43 D	113/00				94	C 10 B	43/04
636-638	D 06 P					7.9	A 43 D	15/00					A 47 L	13/502
636-639	C 09 B					8.1	A 43 D	21/12					A 47 L	
636	D 06 P	1/00				8.2-10.1	A 43 D	21/00					B 08 B	
637.1-639	C 09 B	67/00				8.6	A 43 D	75/00					F 28 G	7/00
640	C 09 B	49/00				9.1	A 43 D	43/00				95-96	B 08 B	9/20
641	C 09 B	67/00				10.2	A 43 D	75/00				97.1-103.5	A 47 L	1/02
	C 09 B					10.21-10.5	A 43 D	21/00					A 47 L	11/02
642	C 09 B	49/00				10.6-11.2	A 43 D	23/00					G 03 D	5/06
643-644	C 09 B	67/00				10.6-11.2	A 43 D	75/00				97.1	G 11 B	23/50
	C 09 B					11.3-12.5	A 43 D	21/00				97.2	A 47 L	23/02
645	C 09 C					13.1	A 43 D	75/00				97.3	B 60 S	3/06
	D 06 P	1/00				13.2	A 43 D	43/00				98	A 47 L	11/162
646	C 09 B	61/00				13.2	A 43 D	43/00				99	A 47 L	11/29
647	C 09 B	69/10				14.2-14.4	A 43 D	21/00				100	G 03 D	15/00
648-649	C 09 B					14.5	A 43 D	23/00				101	A 47 L	15/00
648	D 06 L	3/12				15	A 43 D	3/12				102	H 01 L	21/00
649	C 09 B	51/00				15.1	A 43 D	3/10				103.5	E 01 C	23/20
650	C 09 B	67/28				16	A 43 D	61/00				104.001	A 47 L	13/00
651	C 09 B	9/00				16.1	A 43 D	63/00				104.002	A 46 B	
652	C 09 B	49/00				16.2	A 43 D	89/00					A 47 L	25/00
653	C 09 B	7/00				16.3-16.5	A 43 D	25/12				104.011-104.012	F 23 J	
654	C 09 B	44/00				16.3-16.5	A 43 D	63/00				104.011	H 01 T	21/04
655-657	C 09 B	23/14				16.6-16.7	A 43 D	89/00				104.012	F 02 B	77/04
655-658	C 09 B					17A-17R	A 43 D	27/06				104.02	F 23 J	3/00
658	C 09 B	5/14				17R	A 43 D	25/00					F 28 G	1/00
659	C 09 B	23/00					A 43 D	29/00				104.03-104.05	B 08 B	9/00
661	C 09 B	47/04					A 43 D	25/00				104.03-104.063	B 08 B	1/00
662-671	C 09 B						A 43 D	27/00					B 08 B	7/00
662	C 09 B	29/08					A 43 D	35/00				104.04-104.063	F 16 L	45/00
663	C 07 D	231/56					A 43 D	37/00					F 16 L	55/00
664-665	D 06 P	1/12					A 43 D	43/00				104.061-104.063	B 08 B	9/04
666	D 06 P	3/68					A 43 D	67/00				104.066-104.069	F 23 J	3/00
667	D 06 P	3/44					A 43 D	69/00				104.07-104.19	B 08 B	1/00
668	C 09 B	35/56					A 43 D	89/00					B 08 B	7/00
669	C 09 B	35/04					A 43 D	95/00				104.07-104.2	F 16 L	45/00
670	C 09 B	29/00					A 43 D	91/00					F 16 L	55/00
671	C 09 B	39/00					A 43 D	119/00				104.095-104.096	F 28 G	3/00
672	C 09 B	69/08					A 43 D	95/00				104.31	B 08 B	1/00
673-674	C 09 B					17.2	A 43 D	11/00					B 08 B	7/00
673	C 09 B	31/02				18.1	A 43 D	43/00					B 08 B	9/02
674	D 06 P	3/79				18.2	A 43 D	31/00				104.32	F 16 L	45/00
	C 09 B	1/00				18.3	A 43 D	39/00					F 16 L	55/00
675-679	C 09 B	3/00					A 43 D	43/00					B 08 B	7/00
	C 09 B	5/00					A 43 D	43/06					B 08 B	9/02
	C 09 B	6/00					B 29 D	31/50				104.33	F 16 L	55/00
680-681	C 09 B						A 43 D	43/06					B 08 B	1/00
680	A 61 Q	1/02					A 43 D	43/00					B 08 B	7/00
681	C 09 B	31/08					A 43 D	95/04						

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U.S. CLASS 15--Con.																	
104.5-104.54	A 45 D	24 / 44	220.4	F 01 M	11 / 12		A 47 L	13 / 50	U.S. CLASS 16						A 47 H	15 / 00	
104.8	A 46 B	17 / 08	221-228	A 47 L	13 / 10		A 47 L	17 / 00	MISCELLANEOUS						96L	E 05 D	15 / 00
	A 47 L	13 / 42		A 47 L	17 / 08	265-267	A 47 L	23 / 16	HARDWARE (E.G.,						96R	B 61 D	19 / 00
104.9	B 08 B	9 / 08		A 47 L	23 / 04		A 47 L	23 / 18	BUSHING, CARPET						97-107	E 06 B	3 / 46
	B 08 B	9 / 20		B 43 L	21 / 00	268	A 46 B	17 / 02	FASTENER, CASTER, DOOR						108-109	A 47 H	15 / 00
104.92-104.94	B 08 B	1 / 00	221-229.1	A 47 K	7 / 02		A 47 L	13 / 54	CLOSER, PANEL HANGER,						110.1	E 05 D	15 / 16
105-105.5	A 47 L			A 47 L	1 / 06		A 47 L	21 / 06	ATTACHABLE OR ADJUNCT							F 16 L	11 / 10
105	A 46 B	15 / 00	229.1	A 47 L	13 / 20		B 08 B	9 / 20	HANDLE, HINGE, WINDOW							F 16 L	57 / 00
105.5	E 04 F	21 / 165		A 47 L	17 / 00		B 08 B	9 / 46	SASH BALANCE, ETC.)							A 47 B	95 / 02
105.51-105.52	B 25 F	1 / 00	229.11-229.13	A 47 L	13 / 10	300.1	A 47 L	5 / 00	2.1	F 16 L	5 / 00		A 47 J	45 / 00			
105.52	B 43 L	19 / 00		A 47 L	17 / 08		A 47 L	9 / 00	2.2	H 02 G	3 / 22		B 65 D	25 / 28			
105.53	B 26 B	11 / 00	229.14	A 45 D	33 / 34		B 08 B	5 / 00	2.3	F 16 L	5 / 02		E 05 B	1 / 00			
106-115	A 47 L	13 / 00		A 45 D		301-305	D 06 G	1 / 00	2.4	F 16 L	5 / 02		E 05 B	7 / 00			
	A 47 L	23 / 04	229.2-229.4	A 47 L	13 / 20		A 47 L	15 / 00	2.5	H 01 B	17 / 26		A 47 B	95 / 02			
	E 04 F	21 / 16	229.2-229.9	A 47 K	7 / 02		A 47 L	5 / 38	4-11	H 01 B	17 / 58	111.1	A 47 J	45 / 00			
116.1	A 47 L	13 / 14		A 47 L	1 / 06	306.1	A 47 L	5 / 00	12-15	B 65 D	39 / 00		B 65 D	25 / 28			
	A 47 L	13 / 58	229.5	A 47 L	17 / 00		A 47 L	9 / 00	16-17.1	F 16 L	5 / 00		E 05 B	1 / 00			
116.2-121	A 47 L	13 / 00	229.6-229.8	A 47 L	13 / 20		B 08 B	5 / 00	18A-18CG	B 65 D	39 / 08		E 05 B	7 / 00			
117-118	A 47 L	23 / 04	229.9	A 47 L	13 / 252	307-309	D 06 G	1 / 00	18R	H 01 R	13 / 00	112.1	A 47 B	95 / 02			
	E 04 F	21 / 16	230-230.19	A 47 L			A 47 L	15 / 00		A 47 G	27 / 04		A 47 J	45 / 00			
121	A 47 L	23 / 04		B 05 C	1 / 00	309.1-309.2	A 47 L	5 / 00		A 47 G	27 / 06		B 65 D	25 / 28			
	E 04 F	21 / 16		B 05 C	17 / 02		A 47 L	9 / 00		A 47 G	27 / 04		E 05 B	1 / 00			
141.1-141.2	A 47 L	11 / 36		B 44 D	5 / 00		B 08 B	5 / 00		B 60 B	33 / 00		E 05 B	7 / 00			
	A 47 L	13 / 36		B 24 D	13 / 14		D 06 G	1 / 00		A 47 L	9 / 00	113.1	A 47 B	95 / 02			
142	A 47 L	23 / 24	230	B 24 D	13 / 18	310-311	A 47 L	15 / 00		B 60 B	33 / 04		A 47 J	45 / 00			
	A 47 L	25 / 00	230.1	B 24 D	13 / 18		A 47 L	5 / 38		B 60 B	33 / 04		B 65 D	25 / 28			
143.1-144.4	A 47 L	13 / 00	230.12-230.13	B 24 D	13 / 08	312.1-312.2	A 47 L	5 / 00		B 60 B	33 / 04		E 05 B	1 / 00			
	B 25 G	1 / 00	230.14	B 24 D	13 / 04		A 47 L	5 / 00		B 60 B	33 / 08		E 05 B	7 / 00			
143.1-146	A 46 B	5 / 02	230.15	B 24 D	13 / 08		A 47 L	9 / 00		B 60 B	33 / 08	114.1	A 47 B	95 / 02			
145-146	A 47 K		230.16	B 24 D	13 / 14		B 08 B	5 / 00		B 60 B	33 / 00		A 47 J	45 / 00			
	B 25 G		230.17	A 47 L	11 / 164		D 06 G	1 / 00		A 45 C	5 / 14		B 65 D	25 / 28			
145	A 46 B	5 / 00	230.18	B 24 D	13 / 14	313-315	B 60 S	1 / 54		B 60 B	33 / 02		E 05 B	1 / 00			
146	A 46 B	17 / 02	230.19	B 24 D	13 / 08		B 60 S	1 / 64		B 60 B	33 / 06		E 05 B	7 / 00			
147.1-154.2	A 47 L	13 / 20	231	A 47 L	13 / 46	313-318.1	A 47 L	15 / 00		B 60 B	37 / 00	193-219	E 05 D	13 / 00			
154.2	A 47 L	13 / 502	232-233	A 47 L	1 / 06		A 47 L	5 / 38		B 60 B	37 / 00		E 05 F	1 / 00			
159.1-161	A 46 B		234-235	A 47 L	13 / 38	316.1-318.1	F 23 J	3 / 02		B 60 B	33 / 00		E 05 F	3 / 00			
159.1	A 46 B	5 / 00	235.3	E 04 G	21 / 20	316.1	D 06 G	1 / 00		A 47 B	91 / 06	220	E 05 F	3 / 00			
160	A 46 B	9 / 02	235.4-235.8	E 01 C	19 / 12	318.1	D 06 G	1 / 00		A 47 B	91 / 04	221	E 06 B	3 / 58			
161	A 47 L	23 / 22	235.4-241	B 05 C	17 / 10	319	A 47 L	5 / 00		A 47 B	91 / 00		E 05 D	7 / 00			
164-165	A 46 B	5 / 00	236.01-241	A 47 L	13 / 02	320-322	A 47 L	7 / 00		B 60 B	33 / 00	222-223	E 05 D	11 / 00			
164-166	A 46 B			A 47 L	17 / 06	323-339	A 47 L	9 / 00		E 05 F	15 / 20	224	E 05 D	7 / 00			
166	A 46 B	17 / 08		A 47 L	23 / 22	323-340.4	A 47 L	5 / 00		E 05 F	3 / 00	225-227	E 05 D	1 / 00			
167.1-167.2	A 46 B	9 / 04	244.1-244.3	A 47 L	13 / 46	339	A 47 L	7 / 00		E 05 F	3 / 20	228	G 02 C	5 / 22			
167.3-205	A 46 B		244.1-244.4	A 47 K	7 / 02		B 08 B	5 / 00		E 05 F	3 / 22	229	E 05 D	7 / 10			
167.3	A 45 D	29 / 17	244.4	B 43 L	21 / 00	340.1-340.4	E 01 H	1 / 08		E 05 F	3 / 04	230-232	E 05 D	15 / 50			
	A 46 B	9 / 02	244.4	A 47 L	13 / 16	341-343	A 47 L	5 / 02		E 05 F	3 / 10	233-234	E 05 D	7 / 00			
168-170	A 46 B	9 / 08	245	A 47 L	1 / 06	344	A 47 L	5 / 24		E 05 F	3 / 22	235-238	E 05 D	7 / 04			
171	A 46 B	3 / 08	245.1	B 05 C	17 / 10	345-346	A 47 L	5 / 14		E 05 F	3 / 20	239-241	E 05 D	7 / 06			
172	A 46 B	5 / 00		B 05 C		347-353	A 47 L	9 / 10		E 05 F	3 / 14	242-249	E 05 D	7 / 04			
173	A 46 B	3 / 08	246	A 47 L	1 / 00		A 47 L	9 / 20		E 05 F	3 / 22	250-251	E 05 D	11 / 00			
174	A 46 B	3 / 10		B 60 S	1 / 00	354-361	A 47 L	5 / 34		E 05 F	3 / 00	252-253	E 05 D	5 / 02			
175	A 46 B	3 / 08	246.2-246.4	A 47 L	5 / 00	362-382	A 47 L	5 / 00		E 05 F	3 / 02	254-258	E 05 D	7 / 12			
176.1-176.2	A 46 B	7 / 04		A 47 L	7 / 00	363-382	A 47 L	9 / 04		E 05 F	3 / 20	254-267	E 05 D	7 / 10			
176.3	A 46 B	15 / 00		A 47 L	9 / 00		A 47 L	9 / 06		E 05 F	3 / 22	268-269	E 05 D	7 / 12			
176.4-176.6	A 46 B	7 / 04	246.5	F 22 B	37 / 48	383-392	A 47 L	5 / 10		E 05 F	3 / 00	270-272	E 05 D	7 / 10			
177-178	A 46 B	3 / 08	247	A 46 B	17 / 04		A 47 L	5 / 26		E 05 F	1 / 00	273	E 05 D	11 / 00			
179-183	A 46 B	13 / 00		A 47 L	13 / 44	393-403	A 47 L	9 / 06		E 05 F	1 / 08	274	E 05 D	11 / 02			
184	A 46 B	7 / 02	248.1-248.2	A 46 B	17 / 00	393-408	A 47 L	5 / 00		E 05 F	1 / 10	275-276	E 05 D	11 / 04			
185	A 46 B	5 / 00	249.1-249.3	F 23 J	3 / 00	406-408	F 23 J	9 / 02		E 05 F	1 / 00	277-279	E 05 F	1 / 08			
186	A 46 B	7 / 00	250.001-250.003	B 08 B		406	B 08 B	9 / 02		E 05 F	5 / 02	280-285	E 05 F	1 / 14			
187	A 46 B	1 / 00	250.001-250.19	A 47 L	1 / 00	407	B 02 C	18 / 34		E 05 F	5 / 04	286-308	E 05 F	1 / 08			
188	A 46 B	9 / 04		B 60 S	1 / 02	408	F 04 F	5 / 46		E 05 F	3 / 00	309-318	E 05 F	1 / 02			
189	A 46 B	3 / 18	250.001	B 60 S	1 / 04	409	A 47 L	5 / 16		E 05 F	5 / 10	319-336	E 05 D	11 / 10			
190	A 46 B	3 / 16	250.002	B 60 S	1 / 60	410-411	A 47 L	9 / 00		E 05 F	5 / 06	337-342	E 05 C	17 / 64			
191.1	A 46 D	3 / 00	250.003	B 60 R	1 / 06	412-413	A 47 L	11 / 00		E 05 F	5 / 02		E 05 D	11 / 08			
192-194	A 46 B	15 / 00	250.201-250.34	A 47 L	1 / 00		A 47 L	13 / 00		E 05 F	17 / 22	343-344	E 05 D	11 / 10			
195-196	A 46 B	3 / 16		B 60 S	1 / 02		A 63 B	47 / 04		E 05 F	5 / 00	345	E 05 D	15 / 30			
197	A 46 B	9 / 06	250.351-250.352	A 47 L	1 / 00		A 63 D	5 / 10		E 05 F	5 / 06	346-353	E 05 D	11 / 10			
198	A 46 B	13 / 00		B 60 S	1 / 02	412	A 47 L	9 / 22		E 05 D	13 / 00	354	E 05 D	7 / 00			
199	A 46 B	3 / 16	250.361-250.41	A 47 L	1 / 00		A 47 L	9 / 28		E 05 D	15 / 00	355-356	E 05 D	1 / 04			
200	A 46 B	7 / 10		B 60 S	1 / 02	414-422.2	A 47 L	9 / 02		E 05 D	15 / 58	357-360	E 05 D	11 / 06			
201	A 46 B	7 / 06	250.43-250.48	A 47 L	1 / 00	423	B 43 K	13 / 00		E 05 D	15 / 06	361	E 05 D	15 / 06			
202	A 46 B	15 / 00		B 60 S	1 / 02		B 43 K	5 / 00		E 05 D	19 / 00	362-363	E 05 D	15 / 00			
203	A 46 B	7 / 02	256.5-256.6	A 46 B	15 / 00	424-426	B 43 L	19 / 00		E 05 D	15 / 26	364	E 05 D	15 / 06			
204	A 46 B	3 / 12		B 21 B	45 / 02	427-432	B 43 K	29 / 02		E 05 D	15 / 00	365	E 05 D	7 / 00			
205	A 46 B	3 / 18		B 60 S	1 / 28	433-434	B 43 L	19 / 00		A 47 H	15 / 00	366	E 05 D	3 / 06			
205.2	A 46 B	11 / 00	257.01	A 46 B	17 / 00	435</											