

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 280--Con.														
149	B 60 P			B 62 H			B 62 D	53 / 06	493	B 60 D	1 / 155		B 60 R	
	B 62 D			B 62 J		416	B 60 D	1 / 155		B 60 D		768	B 60 P	3 / 32
149.1	B 60 G	9 / 00	294	B 62 H	1 / 08		B 60 F		494	B 60 D	1 / 167		B 60 R	
	B 60 G			B 62 H		416.1	B 60 D	1 / 07		B 60 D		769	B 60 R	9 / 06
	B 60 P			B 62 J			B 60 F		495-498	B 60 D	1 / 14		B 60 R	
149.2	B 62 D		295	B 62 H	1 / 02	416.2	B 60 D	1 / 14		B 60 D		770	B 60 J	11 / 00
	B 60 G			B 62 H			B 60 F		499	B 60 D	1 / 44		B 60 R	
	B 60 P			B 62 J		416.3-418	B 60 F			B 60 D		771	B 62 D	1 / 00
	B 62 D	53 / 06	296	B 62 H			B 62 D	53 / 08	500	B 60 D		773	B 62 D	3 / 14
	B 62 D			B 62 J		418.1	B 60 F			B 60 R	19 / 48	774	B 62 D	1 / 24
151	B 60 S	9 / 00		B 62 L	1 / 00		B 60 P	1 / 64	501-502	B 60 D	1 / 56	775	B 62 D	1 / 18
152.05-157	B 62 D	25 / 18	297	B 62 H	5 / 00	419	B 62 D	12 / 00		B 60 D		776	B 62 D	15 / 02
158.1	B 60 C			B 62 H			B 62 D	13 / 00	503	B 60 D	1 / 14	777	B 62 D	1 / 00
	B 60 S	1 / 68		B 62 J		420-422	B 60 D	1 / 62		B 60 D		778	B 62 D	1 / 04
159	B 62 B	9 / 14	298	B 62 H	1 / 02		B 60 R	16 / 00	504	B 60 D	1 / 00		B 62 D	1 / 12
	B 62 B	9 / 16		B 62 H		423.1-431	B 62 D	53 / 06	505	B 60 D	1 / 56	779-780	B 62 D	1 / 16
	B 62 D	25 / 16		B 62 J		432	B 60 T	7 / 12		B 60 D		781	B 62 D	21 / 00
160	B 60 R	19 / 00	299	B 62 H	1 / 06		B 62 D	53 / 06	506	B 60 D	1 / 04		B 62 D	24 / 00
	B 62 D	25 / 16		B 62 H		433-441.2	B 62 D	53 / 06		B 60 D		782-783	B 62 D	21 / 00
160.1	B 60 R	19 / 00		B 62 J		442-445	B 62 D	13 / 00	507	B 60 D	1 / 60	784	B 62 D	21 / 00
	B 62 J	15 / 00	300-301	B 62 H	1 / 02	446.1-448	B 60 D	1 / 44		B 60 D			B 62 D	7 / 22
161-162	B 60 R	19 / 00		B 62 H			B 60 D		508-510	B 60 D	1 / 04	785	B 62 D	21 / 12
163-169	B 60 R	3 / 00		B 62 J		449	B 60 D	1 / 04		B 60 D		786-787	B 62 D	21 / 04
170-178	B 62 C	9 / 00	302	B 62 H	1 / 04		B 60 D		511-513	B 60 D	1 / 06	788	B 62 D	21 / 00
180	B 60 P	7 / 00		B 62 H		450	B 60 D	1 / 00		B 60 D			B 62 D	21 / 11
181-185	B 62 C	9 / 00		B 62 J			B 60 D		514	B 60 D	1 / 04		B 62 D	7 / 22
186-192	B 62 C	11 / 00	303	B 62 H	1 / 02	451	B 60 D	1 / 155		B 60 D		789	B 62 D	63 / 06
	B 62 C	7 / 00		B 62 H			B 60 D		515	B 60 D	1 / 02	790-792	B 62 D	21 / 00
200	A 61 H	3 / 04		B 62 J		452-455	B 60 D	1 / 04		B 60 D		793-794	B 62 D	21 / 06
	B 62 K		304	B 62 H	7 / 00		B 60 D		600-601	A 63 C	5 / 00	795-800	B 62 D	21 / 00
	B 62 M			B 62 H		455.1	B 60 D	1 / 32	602	A 63 C	5 / 07		B 62 D	21 / 03
201	B 62 J	11 / 02		B 62 J			B 60 D		603	A 63 C	5 / 02	801.1	B 60 R	22 / 00
202	B 62 J	11 / 00	304.1	A 61 G	5 / 10	456.1	B 60 D		604-605	A 63 C	5 / 00		B 60 R	22 / 48
	B 62 J	7 / 00		B 62 H			E 02 F	3 / 38	606	A 63 C	5 / 06	801.2	B 60 R	22 / 20
	B 62 K	27 / 00		B 62 J		457	B 60 D	1 / 28	607	A 63 C	5 / 00	802	B 60 R	22 / 04
203-204	B 62 K	27 / 00	304.2	A 63 H	33 / 28		B 60 D		608-609	A 63 C	5 / 04	803	B 60 R	22 / 08
205-208	A 63 G	25 / 00		B 62 H		458	B 60 D	1 / 173	610	A 63 C	5 / 00	804	B 60 R	22 / 06
	A 63 G	27 / 00		B 62 J			B 60 D		611-617	A 63 C	9 / 00	805	B 60 R	22 / 28
	A 63 G	29 / 00	304.3	B 62 H		459	B 60 D	1 / 14		A 63 C	9 / 08	806	B 60 R	22 / 36
	B 62 K	1 / 00		B 62 J	27 / 00	460.1	B 60 D		618	A 63 C	9 / 081		B 60 R	22 / 46
	B 62 K	17 / 00		B 62 J			B 60 D			A 63 C	9 / 082	807	B 60 R	22 / 34
209	B 62 K	13 / 06	304.4	B 62 H		461.1	B 62 D	63 / 06	619-622	A 63 C	9 / 00	808	B 60 R	22 / 00
210	B 62 K	11 / 00		B 62 J	1 / 28		B 60 D			A 63 C	9 / 06	809-812	A 63 C	11 / 00
	B 62 M	9 / 04		B 62 J		462	A 01 D	67 / 00	623-637	A 63 C	9 / 00	813	A 63 C	11 / 18
	B 62 M	11 / 00	304.5	B 62 B	5 / 06	463-464	B 60 D		638-659	B 62 B	1 / 00	814	A 63 C	11 / 00
	B 62 M	1 / 14		B 62 H			B 60 D			B 62 B	3 / 00	815	A 63 C	11 / 02
	B 62 M			B 62 J			B 60 D			B 62 B	5 / 00	816	A 63 C	17 / 26
	B 62 M		400	B 60 D	1 / 00		B 62 D	13 / 00		B 62 B	7 / 00	817-818	A 63 C	11 / 00
212-217	B 62 M	1 / 10		B 62 D	13 / 00	465	A 01 B	59 / 042		B 62 B	9 / 00	819	A 63 C	11 / 22
	B 62 M	27 / 00		B 62 D	53 / 00		B 60 D		676	B 60 G	5 / 00	820-823	A 63 C	11 / 00
	B 62 M	29 / 00		B 62 D	59 / 00	466	B 60 D			B 60 G	5 / 01	824	A 63 C	11 / 24
218-219	B 62 M	1 / 00	401	B 62 D	63 / 00		B 62 D	13 / 00	677-687	B 60 G	5 / 00	825	A 63 C	3 / 12
220-235	B 62 M	1 / 00		B 60 P	3 / 06	467-469	B 60 D	1 / 44	727	B 60 N	2 / 62	826	A 63 C	17 / 28
236-238	B 62 M	9 / 00	402	B 62 D	53 / 04		B 60 D			B 60 P	1 / 43	827-829	A 63 G	13 / 00
	B 62 M	5 / 00		B 60 D	5 / 00	470-471	B 60 D			B 60 R	16 / 00		A 63 G	15 / 00
239	B 62 K	5 / 00	403	B 60 D	5 / 00		B 62 D	13 / 00		B 60 R	21 / 00		A 63 G	17 / 00
240	B 62 K	21 / 00	404	B 60 P	3 / 022		B 60 D	1 / 14		B 60 S			A 63 G	19 / 00
241	B 62 M	1 / 00		B 62 D	53 / 00	472	B 60 D			B 60 R	21 / 16		A 63 G	25 / 00
242.1-250.1	B 62 M	1 / 14	405.1	B 60 D			B 01 B	59 / 046	728.1-728.2	B 60 R	21 / 20		B 62 M	1 / 00
251	B 62 M	1 / 08		B 62 D	53 / 00	473	B 60 D		728.3	B 60 R	21 / 16	830-839	B 60 P	3 / 22
252	B 62 M	1 / 04		B 60 D	1 / 34		B 60 D		729-730.2	B 60 R	21 / 20	841-844	A 63 C	1 / 00
253-258	B 62 M	1 / 00	406.1-406.2	B 60 D		474	A 01 B	59 / 041		B 60 R	21 / 26		A 63 C	11 / 00
	B 62 M	5 / 00		B 62 D	53 / 00		B 60 D			B 60 R	21 / 16		A 63 C	17 / 00
259-262	B 62 K	1 / 00	407	B 60 D	53 / 00	475	B 60 D	1 / 66	731-732	B 60 R	21 / 18		A 63 C	3 / 00
263-280	B 62 K	17 / 00		B 62 D	53 / 00	476.1	B 60 D		733	B 60 R	21 / 16		A 63 C	5 / 00
	B 62 K	21 / 00		B 62 D	53 / 08		B 62 D	53 / 08	734-735	B 60 R	21 / 26		A 63 C	7 / 00
	B 62 M	11 / 00	407.1	B 60 D		477	B 60 D	1 / 36	736-737	B 60 R	21 / 30		A 63 C	9 / 00
	B 62 M	13 / 00		B 62 D	53 / 00		B 60 D		738-739	B 60 R	21 / 16	845	A 62 B	9 / 04
	B 62 M	15 / 00		B 62 D	53 / 06	478.1	B 60 D	1 / 40	740	B 60 R	21 / 20	847-854	B 62 D	25 / 18
	B 62 M	3 / 00	408	B 60 D			B 60 D			B 60 R	21 / 26	855-856	B 60 S	1 / 68
	B 62 M	5 / 00		B 62 D	53 / 00	479.1	B 60 D	1 / 46	741-742	B 60 R	21 / 26			
	B 62 M	7 / 00		B 62 D	53 / 08		B 60 D		743.1-743.2	B 60 R	21 / 16			
	B 62 M	9 / 00	409	A 01 D	67 / 00	479.2-479.3	B 60 D	1 / 40	748	B 60 R	21 / 02			
281.1-288.3	B 62 K	1 / 00		B 60 D			B 60 D			B 60 R	21 / 11			
	B 62 K	11 / 00		B 62 D	53 / 00	480-480.1	B 60 D	1 / 18	749	B 60 R	21 / 06			
	B 62 K	13 / 00	410	A 01 B	23 / 04		B 60 D		750	B 60 R	21 / 05			
	B 62 K	15 / 00		B 60 D		481	B 60 D		751	B 60 R	21 / 04	2-3.1	B 42 D	1 / 00
	B 62 K	3 / 00		B 62 D	53 / 00		B 62 D	49 / 04		B 60 R	21 / 055	4	B 42 D	3 / 04
	B 62 K	5 / 00	411.1	B 60 D		482	B 60 D	1 / 155	752	B 60 R	21 / 045	4.1	B 42 D	1 / 00
	B 62 K	7 / 00		B 62 D	53 / 00		B 60 D		753	B 60 R	21 / 04	5-14	B 42 D	19 / 00
288.4	B 62 H	9 / 00	412	A 01 B	59 / 042	483-487	B 60 D	1 / 50	754	B 60 R	21 / 00	15.1-16	B 42 D	1 / 00
	B 62 J			B 62 D	53 / 00		B 60 D		755	B 60 R	21 / 00	17	B 42 D	3 / 04
	B 62 J	9 / 00		B 60 D		488	B 60 D	1 / 155		B 60 R	9 / 00	18	B 42 D	1 / 00
290	B 62 H		413	A 01 D	67 / 00	489	B 60 D	1 / 50						

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U.S. CLASS 281--Con.														
35-37	B 42 D	3/00	52-60	F 16 L	55/00		F 16 L	5/00	296.1	F 16 L	47/00		F 02 D	29/06
35	B 42 D	3/02	52	F 16 L	19/02	139.1-139.3	F 16 L	27/00	298-303	F 16 L	27/12		H 02 P	9/04
38-39	B 42 D	1/00	53-54	F 16 L	21/00		F 16 L	27/04	298	F 16 L		5-6	H 02 P	9/04
38	B 42 D	5/00	55	F 16 L	9/14		F 16 L	3/04	302-303	F 16 L	15/02	7	F 02 D	29/06
40-41	B 42 D	5/00	56-60	E 03 D	11/00		F 16 L	41/00		F 16 L	39/04		F 03 B	13/10
42	B 42 D	9/00	56	F 16 L	11/12		F 16 L	5/00		F 16 L	49/00		F 03 B	15/08
43-50	B 42 D	17/00	57	F 16 L	51/02	140.1	F 16 L	27/00	304-305	F 16 L	37/00		H 02 P	9/04
45-50	B 42 D	3/00	61-64	F 16 L	3/00		F 16 L	27/04	304	F 16 L	35/00	8	H 02 K	7/20
	B 42 D	7/00	62	B 60 D	1/62		F 16 L	3/04	306	F 16 L	37/06		H 02 P	9/04
51	B 42 D	3/18	63	B 61 G	5/06		F 16 L	41/00		F 16 L	37/16	9	B 60 L	11/02
			65-79	B 60 D	1/62		F 16 L	5/00	307-310	F 16 L	37/00		B 61 C	9/38
				B 61 G	5/08	141.1	F 16 L	27/00	311	F 16 L	37/20	10-11	B 60 L	11/02
				F 16 B	23/00		F 16 L	27/04	312-313	F 16 L	37/00		B 61 C	9/38
				F 16 L	35/00		F 16 L	3/04	312	F 16 L	37/18		H 02 K	23/52
				F 16 L	55/00		F 16 L	41/00	314-316	F 16 L	37/18	12-13	B 60 L	11/02
				F 16 L	33/16		F 16 L	5/00	317-321	F 16 L	39/00		B 61 C	9/38
				F 16 J	15/00	142.1	F 16 L	27/00	322-324	F 16 L	21/06		H 02 K	23/52
				F 16 L	35/00		F 16 L	27/04	325-326	F 16 L	19/02		H 02 K	23/60
				F 16 L	11/00		F 16 L	3/04		F 16 L	25/00	14	B 60 L	11/02
				F 16 L	21/00		F 16 L	41/00		F 16 L	33/22		B 61 C	9/38
				F 16 L	7/00		F 16 L	5/00	325-327	F 16 L	37/26	15	B 60 L	11/02
				F 16 L	9/00	143.1	F 16 L	27/00	328-334.5	F 16 L	25/00		B 61 C	9/38
				F 16 L	17/00		F 16 L	27/04		F 16 L	35/00		H 02 K	23/60
				F 16 L	33/16		F 16 L	3/04	335-338	F 16 L	19/00	16-19	B 60 L	11/12
				F 16 L	13/04		F 16 L	41/00	335-343	F 16 L	21/02		B 61 C	9/38
				F 16 L	35/00		F 16 L	5/00	335-380	F 16 L	17/00	20	B 60 L	11/02
				F 16 L	55/00	144.1	F 16 L	27/00	339-343	F 16 L	19/06		H 02 K	23/60
				F 16 L	27/00		F 16 L	27/00		F 16 L	19/08	21	B 60 L	11/02
				F 16 L	27/00		F 16 L	21/00	344-362	F 16 L	33/18		B 61 C	9/38
				F 16 L	39/04		F 16 L	27/00	344-380	F 16 L	19/00	22	B 60 L	11/02
				F 16 L	27/00		F 16 L	37/52	363-368	F 16 L	23/00		B 61 C	9/38
				F 16 L	39/04	148.1-148.27	F 16 L	55/00	363-380	F 16 L	21/02		F 02 N	11/04
				F 16 L	41/00		F 16 L	37/00	378-380	F 16 L	33/18	23-26	B 60 L	11/02
				F 16 L	17/00	148.28-148.9	F 16 L	23/00	381.1-381.5	F 16 B	4/00		B 61 C	9/38
				F 16 L	3/00		F 16 L	27/00		F 16 L	25/00		F 02 N	11/04
				F 16 L	7/00	149.1	F 16 L	11/118	382-382.7	F 16 L	13/14		H 02 K	23/52
				F 16 L	19/00		F 16 L	25/02		F 16 L	19/04		H 02 K	23/60
				F 16 L	39/00	150.1	F 16 L	11/118		F 16 L	19/08	27-28	B 60 L	11/02
				F 16 L	39/00		F 16 L	25/02	383-389	F 16 L	25/00		B 61 C	9/38
				F 16 L	41/00	151.1	F 16 L	11/118	390-393	F 16 L	15/00		F 02 N	11/04
				F 16 L	45/00		F 16 L	25/02	391	F 16 L	37/00	29	B 60 L	11/02
				F 16 L	51/00	152.1	F 16 L	11/118	394-396	F 16 L	25/00		H 02 K	23/60
				F 16 L	39/00		F 16 L	25/02	397-404	F 16 L	21/00	30A	B 60 L	11/02
				F 16 L	41/00	153.1-153.3	F 16 L	11/118	403-404	F 16 L	37/24		F 02 N	11/08
				F 16 L	45/00		F 16 L	25/02	405-416	F 16 L	23/00		H 02 J	9/00
				F 16 L	51/00	154.1-154.4	F 16 L	11/118	417-419	F 16 L	21/00	30B	H 02 J	3/38
				F 16 L	39/00		F 16 L	25/02	420-425	F 16 L	25/00		H 02 J	9/02
				F 16 L	41/00	179-183	F 16 L	43/00	422-425	F 16 L	35/00	30R	B 60 L	11/02
				F 16 L	45/00	179.1-179.2	F 16 L	45/00		F 16 L	55/00		F 02 N	11/08
				F 16 L	51/00	184-185	F 16 L	27/00				31-35	F 02 N	11/04
				F 16 L	39/00	187	F 16 L	55/00					H 02 K	23/52
				F 16 L	41/00	188	F 16 B	12/40					H 02 P	9/04
				F 16 L	45/00		F 16 L						H 02 K	23/52
				F 16 L	51/00	189-190	F 16 L	27/00				36A	F 02 N	11/04
				F 16 L	39/00	189-221	F 16 L	5/00				36R	F 02 N	11/04
				F 16 L	41/00	189-222	F 16 L	41/00					H 02 P	9/04
				F 16 L	45/00	219-221	F 16 L	15/00				37A	F 02 N	11/06
				F 16 L	51/00	222.1-222.5	F 16 L	31/00				37R	F 02 N	11/06
				F 16 L	39/00		F 16 L	33/00					H 02 P	9/04
				F 16 L	41/00	223-229	F 16 L	27/10				38A	F 02 N	11/02
				F 16 L	45/00	224-225	F 16 L	21/02					F 02 N	11/04
				F 16 L	51/00		F 16 L	51/00				38B	F 02 N	11/04
				F 16 L	39/00	226-229	F 16 L	21/00					F 02 N	5/04
				F 16 L	41/00		F 16 L	51/02				38C-38E	F 02 N	11/04
				F 16 L	45/00	230	F 16 L	49/00					F 02 N	11/08
				F 16 L	51/00	231-237	F 16 L	21/00					F 02 N	99/00
				F 16 L	39/00	234	F 16 L	13/14				38R	F 02 N	11/00
				F 16 L	41/00	238-259	F 16 L	19/04					H 02 P	9/04
				F 16 L	45/00		F 16 L	33/00				39	H 02 K	23/60
				F 16 L	51/00		F 16 L	47/00				40A	F 02 P	9/04
				F 16 L	39/00		F 16 L	49/00					H 02 K	23/60
				F 16 L	41/00	260	F 16 L	31/00					F 02 D	35/00
				F 16 L	45/00	261-271	F 16 L	27/04				40B-40C	F 02 D	29/06
				F 16 L	39/00	272-283	F 16 L	27/00					H 02 P	9/04
				F 16 L	41/00	272.1	F 16 L	45/00				40D-40E	F 02 D	29/06
				F 16 L	45/00		F 16 L	47/04				40F	F 02 D	29/06
				F 16 L	45/00	283	F 16 L	25/00					H 02 P	9/04
				F 16 L	51/00		F 16 L	35/00					H 02 P	11/06
				F 16 L	43/00	284.1	F 16 L	45/00				42	F 03 B	13/10
				F 16 L	43/00	285.1	F 16 L	13/00					F 03 B	13/12
				F 16 L	27/00	286.1-286.2	F 16 L	13/00					H 02 P	9/04
				F 16 L	27/04	287.1	F 16 L	13/00				43	F 03 B	13/00
				F 16 L	3/04	288.1-288.9	F 16 L	13/02					F 03 B	13/10
				F 16 L	41/00	289.1-289.5	F 16 L	13/08					H 02 P	9/04
				F 16 L	5/00	290.1-290.5	F 16 L	47/00				44	F 03 D	9/00
				F 16 L	27/00	291.1-291.2	F 16 L	15/02					H 02 P	9/04
				F 16 L	27/04		F 16 L	27/12				45	B 60 L	11/02
				F 16 L	3/04		F 16 L	39/04					B 61 C	9/38
				F 16 L	41/00		F 16 L	47/00				46	F 02 N	11/04
				F 16 L	5/00		F 16 L	49/00					H 02 K	23/52
				F 16 L	27/00	292.1	F 16 L	47/00					H 02 P	9/04
				F 16 L	27/04	293.1	F 16 L	47/00				47	F 02 N	11/04
				F 16 L	3/04	294.1								