

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 166--Con.														
117.5-117.6	E 21 B	23 / 03	285	E 21 B	33 / 00	23	A 62 C	35 / 60		A 01 D	31 / 00	204-211	A 01 B	3 / 00
	E 21 B	23 / 12	286-295	E 21 B	33 / 13		G 08 B			A 01 D	33 / 00		A 01 B	5 / 08
	E 21 B	31 / 14	296	E 21 B	43 / 10	24-25	A 62 C	27 / 00	63-65	A 01 B	43 / 00		A 01 B	5 / 14
	E 21 B	7 / 06	297-298	E 21 B	29 / 00	26-29	A 62 C	35 / 02	66-144	A 01 D	13 / 00	212	A 01 B	63 / 16
117.7	E 21 B	43 / 00		E 21 B	29 / 10	30-33	A 62 C	11 / 00		A 01 D	15 / 00	213-232	A 01 B	3 / 00
118-152	E 21 B	23 / 00		E 21 B	43 / 11	34	A 62 C	8 / 00		A 01 D	17 / 00		A 01 B	5 / 08
	E 21 B	33 / 12	299	E 21 B	29 / 02	35	A 62 C	13 / 62		A 01 D	19 / 00		A 01 B	5 / 14
	E 21 B	33 / 13		E 21 B	43 / 00		A 62 C	13 / 66		A 01 D	21 / 00	233-235	A 01 B	13 / 06
	E 21 B	49 / 00		E 21 B	43 / 263	36	A 62 C	8 / 00		A 01 D	23 / 00		A 01 B	13 / 16
153-156	E 21 B	23 / 10	300	E 21 B	43 / 27	37-41	A 62 C	37 / 08		A 01 D	25 / 00	236-238	A 01 B	63 / 00
	E 21 B	33 / 16	301	E 21 B	31 / 00	42	A 62 C	37 / 36		A 01 D	27 / 00	239	A 01 B	63 / 111
	E 21 B	37 / 04		E 21 B	41 / 00	43-47	A 62 C	2 / 00		A 01 D	29 / 00	240-244	A 01 B	73 / 00
	E 21 B	37 / 10	302-303	E 21 B	36 / 00		A 62 C	3 / 00		A 01 D	31 / 00	240-255	A 01 B	63 / 00
157-158	E 03 B	3 / 12		E 21 B	43 / 24	48-50	A 62 C	8 / 00		A 01 D	33 / 00	256-260	A 01 B	69 / 00
	E 21 B	43 / 00	303	E 21 B	43 / 20	51-53	A 62 C	25 / 00				260.5	A 01 B	61 / 04
162-169	E 21 B	27 / 00	304	E 21 B	37 / 06		A 62 C	27 / 00				261-271	A 01 B	61 / 00
170-176	E 21 B	37 / 00		E 21 B	43 / 00		A 62 C	29 / 00				272-275	A 01 B	51 / 00
177.1-177.2	E 21 B	28 / 00	305.1-307	E 21 B	43 / 16	54	A 62 C	3 / 00				278-291	A 01 B	69 / 00
177.3	E 21 B	33 / 08	305.1	E 21 B	43 / 26		A 62 C					292	A 01 B	51 / 00
177.4	E 21 B	43 / 00	306-307	E 21 B	43 / 25	55	A 62 C					293-296	A 01 B	3 / 00
177.5-177.7	E 21 B	28 / 00	308.1-308.6	E 21 B	43 / 26	56	A 62 C	3 / 06				297-309	A 01 B	59 / 044
178-203	E 21 B	23 / 00	309-310	E 21 B	43 / 00		A 62 C	37 / 00					A 01 B	59 / 046
178	E 21 B	31 / 107	311-312	E 21 B	21 / 00		G 01 K						A 01 B	63 / 104
	E 21 B	31 / 113		E 21 B	37 / 00	57	A 62 C	37 / 12					A 01 B	63 / 106
179-203	E 21 B	33 / 12		E 21 B	37 / 08	58	A 62 C	37 / 14				310-314	A 01 B	49 / 00
205	E 03 B	3 / 18	313-331	E 21 B	43 / 00	59	A 62 C	37 / 12				315-319	A 01 B	63 / 14
	E 21 B	43 / 00	316-331	E 21 B	33 / 00	60-61	A 62 C	37 / 10				320	A 01 B	21 / 08
206-208	E 21 B	23 / 00		E 21 B	34 / 00	62	A 62 C	3 / 07				321	A 01 B	63 / 02
	E 21 B	23 / 02	332.1-332.8	E 21 B	33 / 00		A 62 C	3 / 08				322-323	A 01 B	63 / 00
	E 21 B	43 / 10		E 21 B	34 / 00		A 62 C	35 / 00				324-328	A 01 B	59 / 00
209-211	E 21 B	40 / 00		E 21 B	43 / 00	63	A 62 C	35 / 04					A 01 B	69 / 00
212-217	E 21 B	23 / 00	333.1	E 21 B	33 / 00		A 62 C					329-370	A 01 B	15 / 12
	E 21 B	23 / 04		E 21 B	34 / 00	64	A 62 C						A 01 B	3 / 02
222-223	E 21 B	21 / 00		E 21 B	43 / 00		E 21 F	5 / 10					A 01 B	3 / 04
222-236	E 21 B	43 / 00	334.1-334.4	E 21 B	34 / 00	65	A 62 C	3 / 00					A 01 B	39 / 00
227-236	E 03 B	3 / 18		E 21 B	43 / 00		A 62 C						A 01 B	5 / 02
237-240	E 21 B	23 / 00	334.1-366	E 21 B	33 / 00	66-68	A 62 C	3 / 06				371-381	A 01 B	1 / 00
241.1-241.7	E 21 B	17 / 10	335-366	E 21 B	29 / 12		A 62 C					382	A 01 B	13 / 14
242.1-242.7	E 21 B	17 / 00		E 21 B	34 / 04	69	A 62 C					383-394	A 01 B	15 / 00
242.8	E 21 B	17 / 14		E 21 B	41 / 04		E 21 B	35 / 00					A 01 B	23 / 00
242.9	E 21 B	17 / 00		E 21 B	43 / 01	70	A 62 C	31 / 22					A 01 B	33 / 08
243	E 21 B	43 / 00		E 21 B	43 / 36		A 62 C						A 01 B	35 / 20
244.1	E 21 B	41 / 02		E 21 B	7 / 12	71	A 62 C	13 / 62					A 01 B	39 / 00
	E 21 B		367	E 21 B	17 / 01		A 62 C	13 / 66				395-407	A 01 B	63 / 16
245	E 21 B	43 / 00	368	E 21 B	29 / 12	72-73	A 62 C	13 / 00				408-412	A 01 B	63 / 18
	E 21 B	43 / 30		E 21 B	33 / 035		A 62 C					413	A 01 B	63 / 22
246	E 21 B	43 / 22		E 21 B	43 / 01	74	A 62 C	31 / 02				414-419	A 01 B	63 / 16
247-249	E 21 B	43 / 00		E 21 B	7 / 12	75	A 62 C	13 / 76				420	A 01 B	63 / 20
250.01-250.17	E 21 B	47 / 00	369-372	E 21 B	43 / 00		A 62 C	37 / 50				421-427	A 01 B	63 / 16
250.04	E 21 B	47 / 09	373	E 21 B	34 / 06	76	A 62 C	13 / 00				428	A 01 B	63 / 20
250.07	E 21 B	47 / 06	374-375	E 21 B	34 / 10		A 62 C					429	A 01 B	63 / 16
250.08	E 21 B	47 / 10	376	E 21 B	29 / 00		A 62 C					430-437	A 01 B	15 / 00
250.1	E 21 B	49 / 00	377-378	E 21 B	23 / 00	77-83	A 62 C	35 / 58					A 01 B	23 / 00
250.11	E 21 B	47 / 01	377-379	E 21 B	19 / 00	84	A 62 C	13 / 22					A 01 B	33 / 08
250.13	E 21 B	47 / 09	380	E 21 B	19 / 16	85-88	A 62 C	35 / 58					A 01 B	35 / 20
250.15	E 21 B	43 / 12	381-382	E 21 B	23 / 00	89	A 62 C	13 / 76					A 01 B	39 / 00
250.16-250.17	E 21 B	49 / 00	383	E 21 B	23 / 08		A 62 C	37 / 50				438	A 01 B	49 / 00
250.17	E 21 B	23 / 14	384-385	E 21 B	19 / 00	90-91	A 62 C	37 / 50				439-451	A 01 B	59 / 043
251.1	E 21 B	47 / 00	386-387	E 21 B	33 / 12								A 01 B	59 / 06
252.1-252.6	E 21 B	47 / 00	400-402	E 21 B	43 / 16								A 01 B	63 / 02
252.2-252.6	E 21 B	49 / 00	403	E 21 B	43 / 22								A 01 B	63 / 118
253.1	E 21 B	47 / 00										452	A 01 B	63 / 00
254.1-254.2	E 21 B	47 / 00										453	A 01 B	63 / 12
255.1	E 21 B	47 / 09										454-464	A 01 B	63 / 00
255.2-255.3	E 21 B	47 / 00										465-466	A 01 B	63 / 10
256-262	E 21 B	43 / 24	1	A 01 K	13 / 00	1-15	A 01 D	13 / 00				54.5	A 01 B	39 / 10
258	E 21 B	43 / 14		A 01 L			A 01 D	17 / 00				55-62	A 01 B	33 / 00
259	E 21 B	43 / 26	2	A 01 L	15 / 00		A 01 D	19 / 00				63-73	A 01 B	39 / 10
263	E 21 B	43 / 00	3	A 01 L	3 / 06		A 01 D	21 / 00					A 01 B	33 / 16
264	E 21 B	47 / 00	4	A 01 L	1 / 00		A 01 D	25 / 00					A 01 B	49 / 02
	E 21 B	49 / 08		A 01 L	3 / 00		A 01 D	27 / 00					A 01 B	9 / 00
265-267	E 21 B	43 / 00		A 01 L	5 / 00		A 01 D	29 / 00				508-516	A 01 B	17 / 00
268-269	E 21 B	43 / 16		A 01 L	9 / 00		A 01 D	31 / 00				517	A 01 B	35 / 32
270-270.2	E 21 B	43 / 22	5	A 01 L	1 / 04		A 01 D	33 / 00					A 01 B	39 / 26
270	E 21 B	43 / 27	6-10	A 01 L	3 / 04		A 01 D	27 / 00				518-521	A 01 B	15 / 16
271	E 21 B	43 / 26		A 01 L	1 / 00	16	E 01 B	23 / 00					A 01 B	21 / 00
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272.4	E 21 B	43 / 22	17-23	A 01 L	7 / 10		A 01 D	21 / 00					A 01 B	41 / 04
272.5	E 21 B	43 / 24	23	A 01 L	1 / 00		A 01 D	23 / 00					A 01 B	5 / 00
272.6	E 21 B	43 / 241	24-25	A 01 L	7 / 00		A 01 D	25 / 00					A 01 B	7 / 00
272.7	E 21 B	43 / 24	26	A 01 L	7 / 02		A 01 D	29 / 00					A 01 B	33 / 06
275	E 21 B	43 / 16	27-28	A 01 L	15 / 00		A 01 D	31 / 00				522-526	A 01 B	33 / 06