

CONCORDANCE - United States to International Patent Classification

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
U.S. CLASS 180--Con.																	
76	B 60 K	17 / 16	206.4	B 62 M	6 / 55	296	B 60 K	13 / 04	447-449	B 62 D	5 / 02	234	F 16 L	55 / 02			
78	B 60 K	23 / 00	206.5	B 62 M	6 / 60	297	B 60 K	5 / 04					E 03 D	1 / 30			
	B 60 K	26 / 00	206.6	B 62 M	6 / 65	298	B 60 K	5 / 10					E 03 D	1 / 32			
	B 62 D	1 / 00	206.7	B 62 M	6 / 70	299-300	B 60 K	1 / 00					E 03 D	9 / 14			
	B 62 D	1 / 16	206.8	B 62 M	6 / 75		B 60 K	3 / 00					F 01 N	13 / 12			
84	B 62 D	25 / 16	207.1	B 62 M	6 / 80		B 60 K	5 / 00					F 01 N	1 / 16			
89.1	B 62 D	23 / 00	207.2	B 62 M	6 / 85		B 60 K	6 / 00					F 01 N				
	B 62 D	31 / 00	207.3	B 62 M	6 / 90		B 60 K	7 / 00					F 01 N	1 / 16			
	B 62 D	33 / 00	208	B 62 D	61 / 00		B 60 K	8 / 00					F 01 N				
	B 62 D	39 / 00		B 62 K	15 / 00	301	B 60 K	5 / 00					F 16 K	17 / 00			
89.11	B 60 N	3 / 08	209	B 62 D	61 / 12	302-304	B 60 K	3 / 00					F 01 N	13 / 00			
	B 60 R	15 / 00		B 62 K	13 / 00	305-307	B 60 K	17 / 00					F 01 N	99 / 00			
89.12	B 62 D	33 / 06	210-217	B 62 D	61 / 06	308	B 60 K	17 / 14					F 01 N	13 / 00			
	B 62 D	49 / 00		B 62 K	5 / 02		B 60 K	7 / 00					F 01 N	13 / 10			
89.13-89.14	B 62 D	33 / 00	218	B 62 D	61 / 00	309	B 60 K	13 / 04					F 01 N	13 / 18			
89.15-89.16	B 62 D	33 / 06	219-220	B 62 D	61 / 02	310	B 60 K	3 / 00					F 01 N	13 / 00			
	B 62 D	33 / 08		B 62 K	11 / 00	311-312	B 62 D	21 / 00					F 01 N	99 / 00			
89.17	B 62 D	25 / 10		B 62 M	7 / 00	313	B 60 K						F 01 N	13 / 18			
	B 62 D	39 / 00	221-222	B 62 D	61 / 02		B 60 L						F 01 N	13 / 16			
89.18	B 62 D	25 / 10		B 62 K	11 / 00		B 60 R						F 01 N	1 / 00			
	B 62 D	33 / 06		B 62 M	13 / 00		B 62 D	49 / 06					F 01 N	13 / 08			
	B 62 D	39 / 00		B 62 M	7 / 00		B 62 D						F 01 N	1 / 02			
89.19	B 62 D	33 / 06	223-224	B 62 D	61 / 02	314	B 60 K	15 / 03					F 01 N	1 / 10			
89.2	B 60 K	13 / 04		B 62 K	11 / 00	315-316	B 60 K	26 / 00					F 01 N	1 / 00			
90	B 60 K	37 / 00		B 62 M	7 / 00	317-318	B 60 K	26 / 00					F 01 N	1 / 24			
	B 62 D	25 / 14	225	B 62 D	61 / 02		B 62 D	51 / 00					F 01 N	1 / 14			
90.6	B 62 D	25 / 20		B 62 K	11 / 08	319-320	B 62 D	1 / 24					F 01 N	1 / 08			
116	B 60 V	1 / 00		B 62 M	7 / 00		B 62 D	51 / 00					F 01 N	1 / 16			
	B 60 V	3 / 00	226	B 62 D	61 / 02	321-324	B 60 K	26 / 00					F 01 N	1 / 08			
	B 60 V	1 / 11		B 62 K	11 / 00		B 62 D	1 / 22					F 01 N	1 / 16			
	B 60 V	1 / 14		B 62 M	15 / 00	325	B 60 K	26 / 00					F 01 N	1 / 12			
122	B 60 V	1 / 15		B 62 M	17 / 00		B 60 T	7 / 00					F 01 N	1 / 00			
123	B 60 V	1 / 20		B 62 M	7 / 00		B 62 D	1 / 22					F 01 N	13 / 18			
124	B 60 V	1 / 04	227-229	B 62 D	61 / 02	326	B 60 K	26 / 00					F 01 P	1 / 08			
	B 60 V	1 / 06		B 62 K	11 / 00		B 62 D	1 / 02					E 04 B	1 / 82			
125	B 60 V	1 / 00		B 62 M	7 / 00	327-328	B 62 D	33 / 08					E 04 B	9 / 00			
126	B 60 V	1 / 04	230	B 62 D	61 / 02	329-331	B 60 K	26 / 00					E 04 B	1 / 00			
127-128	B 60 V	1 / 16		B 62 K	11 / 00		B 62 D	1 / 02					E 04 B	9 / 00			
129-130	B 60 V	1 / 02		B 62 M	11 / 00	332	B 62 D	1 / 14					E 04 B	1 / 82			
164	B 60 B	39 / 00		B 62 M	13 / 00	333	B 60 K	26 / 00					E 04 B	1 / 343			
	B 60 V	1 / 00		B 62 M	15 / 00	334	B 60 K	26 / 00					E 04 B	1 / 82			
	B 60 V	3 / 00		B 62 M	17 / 00		B 62 D	1 / 16					E 04 B	9 / 00			
165	B 60 K	25 / 10		B 62 M	19 / 00	335	B 60 K	13 / 00					E 04 B	1 / 82			
	B 60 K	6 / 00		B 62 M	21 / 00		B 60 K	15 / 00					E 04 B	2 / 02			
	B 60 K	8 / 00		B 62 M	23 / 00	336	B 60 K	17 / 00					E 04 B	1 / 82			
	B 60 L	11 / 16		B 62 M	7 / 00		B 60 K	20 / 00					E 04 B	1 / 84			
	B 62 M	1 / 10		B 62 M	9 / 00		B 60 K	23 / 00					E 04 B	1 / 82			
166	B 62 B	9 / 22	231	B 62 D	61 / 02	337-352	B 60 K	17 / 00					F 01 N				
167-169	B 60 T	7 / 16		B 62 K	11 / 00	353-355	B 60 K	17 / 16					G 10 K				
	B 62 D	1 / 24		B 62 M	7 / 00	356-358	B 60 K	17 / 00					G 10 K	11 / 16			
170	B 60 K	31 / 00		B 62 M	9 / 16	359-362	B 60 K	17 / 16					G 10 K	11 / 00			
171	B 60 K	31 / 18	232	B 60 K	5 / 00	363	B 60 K	17 / 00					G 10 K	11 / 00			
172	B 60 K	31 / 12		B 62 D	27 / 00	364-366	B 60 K	17 / 06					H 02 K	5 / 24			
173	B 60 K	31 / 16	233-241	B 60 K	17 / 34	367	B 60 K	17 / 10					H 04 R	7 / 00			
174	B 60 K	31 / 14	242-244	B 60 K	17 / 356	368-369	B 60 K	17 / 06					H 04 R	11 / 00			
175	B 60 K	31 / 06	245-246	B 60 K	17 / 354	370	B 60 K	17 / 00					H 04 R	11 / 00			
176	B 60 K	31 / 10	247	B 60 K	17 / 354	371-373	B 60 K	17 / 04					H 04 R	11 / 00			
177	B 60 K	31 / 08		B 60 K	23 / 08	374	B 60 K	17 / 00					H 04 R	11 / 00			
178	B 60 K	31 / 02	248	B 60 K	17 / 344	375	B 60 K	17 / 16					H 04 R	11 / 00			
179	B 60 K	31 / 04	249	B 60 K	17 / 35	376	B 60 K	17 / 22					H 04 R	11 / 00			
180-181	A 63 C	17 / 12	250	F 16 H	48 / 30	377	B 60 K	17 / 00					H 04 R	11 / 00			
	A 63 C	5 / 08	251	B 60 K	17 / 342	378	B 60 K	17 / 16					H 04 R	11 / 00			
182	B 62 M	27 / 02	252-267	B 60 K	17 / 30	379-381	B 60 K	17 / 24					H 04 R	11 / 00			
	B 62 M	29 / 00	268-270	B 60 R	21 / 00	382-385	B 60 K	17 / 00					H 04 R	11 / 00			
183-185	B 62 B	19 / 00	271	B 60 D	1 / 28	400	B 62 D	3 / 00					H 04 R	11 / 00			
	B 62 M	27 / 02		B 60 K	28 / 00		B 62 D	7 / 00					H 04 R	11 / 00			
	B 62 M	29 / 00		B 60 L	3 / 00		B 62 D	9 / 00					H 04 R	11 / 00			
186-188	B 62 M	27 / 02		B 60 R	21 / 00	401	B 62 D	1 / 26					H 04 R	11 / 00			
	B 62 M	29 / 00	272-273	B 60 K	28 / 00		B 62 D	5 / 00					H 04 R	11 / 00			
189	B 62 M	29 / 02		B 60 L	3 / 02	402-403	B 62 D	5 / 00					H 04 R	11 / 00			
190-193	B 62 M	27 / 02		B 60 T	7 / 14		B 62 D	5 / 06					H 04 R	11 / 00			
	B 62 M	29 / 00	274-278	B 60 K	28 / 10	404-407	B 62 D	5 / 00					H 04 R	11 / 00			
194-195	B 62 M	29 / 02		B 60 T	7 / 12	408-416	B 62 D	5 / 06					H 04 R	11 / 00			
196	B 62 M	27 / 02		B 60 T	7 / 22		B 62 D	7 / 00					H 04 R	11 / 00			
	B 62 M	29 / 00	279	B 60 K	28 / 10	417	B 62 D	5 / 06					H 04 R	11 / 00			
197	B 60 K	28 / 16		B 60 L	3 / 04	418-420	B 62 D	13 / 00					H 04 R	11 / 00			
	B 60 K		280	B 60 K	28 / 10		B 62 D	5 / 06					H 04 R	11 / 00			
	B 60 P	3 / 06		B 62 D	1 / 24		B 62 D	53 / 00					H 04 R	11 / 00			
199	B 60 S	9 / 205	281-284	B 60 K	28 / 12	421-423	B 62 D	5 / 06					H 04 R	11 / 00			

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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 182--Con.																	
39	E 04 G	1/38	220	E 06 C	7/08		F 16 N	25/00		F 16 N	13/16		E 04 H	1/12			
	E 04 G	3/28	221	A 63 B	27/00		F 16 N	3/00	77	F 16 N	11/12		E 04 H	3/06			
40-41	E 06 C	1/56	222-223	E 04 G	1/15	14.1	F 01 M	9/00		F 16 N	7/36		G 07 F	19/00			
	E 06 C	9/14		E 04 G	3/00	15.1-15.3	F 16 N	13/22	78	F 16 N	9/04		E 04 H	3/04			
42-44	B 65 G	15/00		E 04 G	5/08		F 16 N	7/16	79	F 16 N	25/02	38-51	E 04 H				
	B 65 G	17/00		E 06 C	7/16	15.1-17	F 16 N	7/24	80	F 16 N	23/00	52-58	B 61 B				
	B 66 B	9/08	224-227	E 04 G	1/32	16	F 16 N	7/12	81	F 01 M	9/06		B 65 G				
45	E 04 G	1/36	228.1-228.6	E 06 C	7/00	17	F 16 N	25/04		F 01 M	9/08	52	A 61 F	13/15			
	E 04 G	3/26	229-230	E 04 G	1/00	18	F 16 N	1/00		F 16 N	11/06	53	A 47 F	10/02			
	E 04 G	3/34		E 04 G	3/00	19	F 16 N	7/12		F 16 N	7/02	54	A 47 F	3/04			
46-47	A 62 B	3/00	230	E 04 G	5/00	20	F 16 N	13/20	82	F 16 N	23/00	55-56	B 65 G	1/137			
	E 06 C	7/00		E 04 G	7/00		F 16 N	25/04	83	F 16 N	27/00	57-58	A 47 F	10/02			
48-49	A 62 B	1/20		E 06 C	1/00	21	F 16 N	7/16	84	F 16 N	11/00	59-68	A 63 F	9/02			
50	A 62 B	1/18	231-232	A 62 B	1/08	22	F 16 N	7/12	85	F 16 N	17/06	69	E 04 H	3/00			
	F 42 B	12/68	233	A 62 B	1/12	23	F 16 N	13/20	86-87	F 16 N	23/00						
51-52	A 62 C	31/24	234-235	A 62 B	1/10		F 16 N	25/04	88.1-88.2	F 16 N	13/22	U.S. CLASS 187 ELEVATOR, INDUSTRIAL LIFT TRUCK, OR STATIONARY LIFT FOR VEHICLE			200-202	B 66 B	9/08
53-62	A 47 L	3/02	234	B 66 D	5/04	24	F 16 N	1/00		F 16 N	19/00				203-206	B 66 F	7/00
	E 04 G	3/00	236-237	A 62 B	1/08	25	F 16 N	7/12		F 16 N	11/00				207-208	B 66 F	7/10
62.5	E 04 G	1/22	238	A 62 B	1/12	26-27.4	F 16 N	7/36	88.1-90	F 16 N	11/04				209	B 66 F	7/00
	E 06 C	1/12	239-240	A 62 B	1/10	26	F 01 M	1/00		F 16 N	11/00				210	B 66 F	7/10
63.1	E 04 C	1/00	239	B 66 D	5/04		F 16 N	13/00	91	F 16 N	11/04				211	B 66 F	7/06
	E 04 C	5/00	241	A 62 B	1/08	27.1-27.4	F 16 N	13/10	92	F 16 N	11/00				212	B 66 F	7/12
64.1	E 04 C	1/00				28	F 16 N	13/08	93	F 16 N	11/04				213	B 66 F	7/12
	E 04 C	5/00				29	F 16 N	3/12	94	F 16 N	11/00				214	B 66 F	7/14
65.1	E 04 C	1/00	U.S. CLASS 184 LUBRICATION				F 16 N	11/10	95	F 16 N	11/04				215	B 66 F	7/16
	E 04 C	5/00	1.5	F 16 C	3/14		F 16 N	13/16	96	F 16 N	11/00	216-221	B 66 F	7/28			
66.1-66.2	E 04 C	1/00		F 16 N	33/00	29	F 16 N	11/10	97	F 16 N	21/00	222	B 66 F	9/06			
	E 04 C	5/00		F 16 N	1/00	30	F 16 N	9/04	98-99	F 16 N	15/00	223-224	B 66 F	9/20			
67.1	E 04 C	1/00	2	F 16 N	1/00	30	F 16 N	13/20	98	F 16 N	39/00	225-232	B 66 F	9/06			
	E 04 C	5/00	3.1-3.2	B 61 K	3/00	31	F 16 N	13/20	100	F 16 N	1/00	233	B 66 F	9/20			
67.2-67.5	E 06 C	1/00	4-5	F 16 N	1/00	32	F 16 N	25/04	101	F 16 N	25/04	234	B 66 F	9/22			
	E 06 C	5/00	5	F 16 C	17/00	32	F 16 N	13/02		F 16 N	7/24	235-236	B 66 F	9/20			
68.1-68.2	E 06 C	1/00		F 16 C	21/00	33	F 16 N	9/04	102	F 16 N	7/12	237	B 66 F	9/12			
	E 06 C	5/00		F 16 C	43/00	33	F 16 N	13/20	103.1-103.2	F 01 M	11/12	238	B 66 F	9/08			
68.3	E 04 C	5/00	5.1	F 16 C	1/24		F 16 N	25/04	104.1-104.3	F 01 M	5/00	239	B 66 F	9/08			
69.1-69.2	E 06 C	1/00	6	F 01 M	1/00	34	F 16 N	13/02		F 01 P	11/08	240	B 66 B	9/00			
69.1-69.5	E 06 C	5/00		F 16 N	17/06		F 16 N	25/02		F 16 N	17/02	241	B 66 F	9/22			
69.4-69.5	E 06 C	1/00		F 16 N	29/00		F 16 N	9/04		F 16 N	17/04	242	B 66 F	9/08			
69.6	E 04 C	1/00	6.1	F 01 M	9/00	35	F 16 N	13/20		F 16 N	39/02	243	B 66 B	9/00			
	E 04 C	5/00	6.11-6.15	F 01 M		36	F 16 N	25/04		F 16 N	39/04	244-244	B 66 B	9/16			
70-76	A 62 B	1/06	6.11	F 01 D	25/18	37	F 16 N	21/00	105.1-105.3	F 01 M	11/04	245-246	B 66 B	9/06			
77-100	E 06 C	9/00	6.12	F 16 H	57/04	37	F 16 N	11/08		F 16 N	21/00	247-248	B 66 B	1/28			
82-100	E 04 G	3/00	6.13	F 03 M	1/12		F 16 N	13/10		F 16 N	31/00	247	G 05 B	15/00			
101-103	E 06 C	7/16	6.14	B 21 Q	11/12		F 16 N	7/14	106	F 16 N	1/18	248	G 06 F	11/16			
104-105	E 06 C	1/18	6.15	D 05 B	71/00	38.1-38.4	F 16 N	13/08	107-108	F 01 M	11/06	249	B 66 B	9/00			
	E 06 C	1/32	6.16-6.17	F 01 M	1/00		F 16 N	3/12		F 01 M	11/10	250	B 66 B	9/02			
106	E 06 C	7/18	6.18-6.19	F 01 M		39	F 16 N	11/10		F 01 M	1/00	251-253	B 66 B	11/04			
107-111	E 04 G	5/02	6.18	F 16 N	7/36		F 16 N	13/16	109	F 01 M	11/00	254-258	B 66 B	11/08			
	E 06 C	7/42	6.19	F 16 N	21/00	39.1	F 01 M	1/08		F 01 M	3/00	259	B 66 B	11/00			
112-113	A 47 L	3/02	6.2	F 01 M	3/00		F 16 N	7/14		F 01 M	5/00	260	B 66 B	11/08			
	E 04 G	3/32	6.21	F 01 M		40-42	F 16 N	7/36		F 01 M	7/00	261-262	B 66 B	11/06			
	E 04 G	5/00		F 16 N	39/00	41-42	F 16 N	11/10		F 01 M	9/00	263-266	B 66 B	11/08			
114	E 04 G	5/14	6.22	F 01 M	5/00	43	F 16 N	11/08		F 16 N	1/00	267-271	B 66 B	9/02			
115-126	E 06 C	1/00	6.23	F 01 M	11/08		F 16 N	13/16		F 16 N	1/00	272-275	B 66 B	9/04			
127	E 06 C	5/00	6.26	F 01 M	1/00	44	F 16 N	7/36		F 16 N	9/04	276-277	B 66 B	1/00			
128	E 04 G	1/36	6.27-6.28	F 01 M	11/00	45.1-45.2	F 16 N	11/04		F 16 N	11/04	278	B 66 B	5/02			
129-132	E 04 G	1/00	6.3	F 01 M	9/00	46	F 16 N	11/06		F 16 N	11/06	279-280	B 66 B	1/28			
	E 04 G	3/00	6.4	F 01 M	1/18	47	F 16 N	1/00		F 16 N	11/00	281	B 66 B	5/14			
129	E 06 C	5/32		F 01 M	11/10	48.1-48.2	F 16 N	11/08		F 16 N	13/02	282-283	B 66 B	1/36			
130-132	E 04 G	5/00	6.5-6.6	F 01 M	1/04	49-51	F 16 N	21/00		F 16 N	13/02	284	B 66 B	1/42			
	E 04 G	7/00	6.7-6.8	F 01 M	1/00	49-54	F 16 N	11/10		F 16 N	11/08	285	B 66 B	1/28			
133-136	A 63 B	27/00	6.9	F 01 M	9/10		F 16 N	13/02	2	B 26 B	19/32	286-287	B 66 B	5/06			
137-140	A 62 B	1/22		F 01 M		49	F 16 N	15/04		F 03 G	5/00	288	B 66 B	1/32			
141-149	E 04 G	1/18	7.1	F 01 M	1/06		F 16 N	11/08		F 03 G	3/00	289-290	B 66 B	1/06			
	E 04 G	1/22	7.2	B 60 R	17/02	49-54	F 16 N	13/16		F 03 G	1/00	290	H 02 J	9/00			
	E 04 G	3/28		F 16 N			F 16 N	13/16		F 03 G	5/00	291	B 66 B	1/40			
150	E 04 G	3/30	7.3-7.4	F 16 N	27/00		F 16 N	15/04		F 03 G	3/00	292	B 66 B	1/34			
151-155	E 04 G	1/34	7.3	F 16 N	25/00		F 16 N	7/32		F 03 G	1/00	293-294	H 02 P	5/00			
152	E 06 C	1/00		F 16 N	29/00	55.1-55.2	F 16 N	7/30		F 03 G	1/00	293-297	B 66 B	1/28			
156-177	E 06 C	1/00	8-10	F 16 N	13/22	55.1-57	F 16 N	7/34		F 03 G	5/00	295	G 05 B	11/36			
178.1-178.6	E 04 G	7/00		F 16 N	25/00	58-59	F 16 N	17/06		F 03 G	3/00	297	H 02 K	7/06			
179.1	E 04 G	1/00	8	F 01 M	1/12	60	F 16 N	11/10		F 03 G	1/00	298-299	B 66 B	1/06			
180.1	E 04 C	1/00		F 16 N	21/00	61-62	F 16 N	13/16		B 65 G	47/00	300-301	B 66 B	1/26			
180.2-180.3	E 06 C	1/00	11.1-11.3	F 01 M	1/00	61	F 16 N	21/00		B 61 B	3/02	302-304	B 66 B	1/36			
181.1	E 04 G	1/00		F 01 M	9/06		F 16 N	7/24		B 61 B	13/00	305	B 66 B	5/04			
182.1-182.5	E 04 G	1/00	11.1	F 16 N	7/26	63	F 16 N	25/04		B 61 B	9/00	306-312	B 66 B	1/02			
183.1	E 04 G	1/00		F 16 N	7/28	64	F 16 N	7/12		B 61 J	1/06	313	B 66 B	13/02			
185.1	E 04 G	1/00	11.2	F 01 M	11/02	65	F 01 M	9/06		B 66 B	9/00	314	B 66 B	13/14			
186.1-186.9	E 04 G	1/00	11.4	F 16 N	7/16		F 01 M	9/08		B 66 B	1/24	315	B 66 B	13/02			
187-188	E 04 G	3/00	11.5	F 01 M													