

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 127--Con.																	
58-60	C 13 B	30/02	204.12	A 61 M	15/08	32-35	A 24 C	3/00	116-118	A 24 C	1/02	235.1-237.5	A 24 F	13/18			
	C 13 F	1/02	204.13-204.14	A 61 M	15/00	32	A 24 C	1/16	116	A 24 C	5/18	235.1	A 24 F	19/14			
61-62	C 13 B	30/02	204.13-204.29	A 61 M	16/00		A 24 C	1/40	117-118	A 24 C	5/28	237.5	A 24 F	19/14			
	C 13 F	1/00	204.15-204.16	F 24 F	5/00	33-34	A 24 C	1/04	119	A 24 C	1/18	238	A 24 F	19/10			
63	C 13 B	30/04	204.15-204.25	A 62 B	7/00	34	A 24 C	5/46		A 24 C	1/20	239	A 24 F	19/12			
	C 13 F	1/04	204.17	F 24 J	3/00	35	A 24 C	1/34	173	A 24 F	1/14	240.1-242.6	A 24 F	15/08			
64	C 13 B	30/08	204.19	F 16 K	1/08		A 24 C	5/24		A 24 F	1/30		A 24 F	15/18			
	C 13 F	1/08	204.21-204.23	F 16 K	31/02	36	A 24 C	1/00	174	A 24 F	1/12		A 24 F	19/00			
65-71	C 08 B	30/00	204.24	F 15 C	1/08	37	A 24 C	1/34		A 24 F	13/16		A 24 F	19/10			
			204.25	A 62 B	9/00		A 24 C	5/24		A 24 F	5/10	243-246	A 24 F	3/02			
			204.26-204.29	A 62 B	7/04	38-39	A 24 C	1/02		A 24 F	9/16	243	A 24 F	9/04			
				F 16 K	31/26	38-46	A 24 C	3/00	175	A 24 D	1/12	244	A 24 F	9/12			
			205.11	A 62 B	7/00	40	A 24 C	1/00		A 24 F	13/02	245	A 24 F	9/06			
				A 62 B	9/00	41-44	A 24 C	1/02	176-177	A 24 F	5/10	246	A 24 F	9/10			
				G 05 B	1/00	41	A 24 C	1/22	177	A 24 F	9/02	247	A 24 F	9/02			
			205.12	A 62 B	19/00	43	A 24 C	1/18	178	A 24 F	13/12	248-255	A 24 F	13/24			
				A 62 B	23/02	44	A 24 C	1/08		A 24 F	3/00	248	A 24 F	13/20			
				A 62 B	7/10	45	A 24 C	1/18	179	A 24 F	1/08	250	A 24 F	15/00			
			205.13-205.19	A 61 M	16/00	46	A 24 C	1/24		A 24 F	13/02	251	A 24 F	15/10			
				A 62 B			A 24 C	1/36	180-181	A 24 F	1/26		A 24 F	15/14			
			205.21-205.23	A 62 B	7/00		A 24 C	5/12		A 24 F	15/00	256	A 24 F	13/18			
				A 62 B	9/00	47-54	A 24 C	1/10		A 24 F	23/04		A 24 F	19/14			
			205.24	A 62 B	9/02		A 24 C	5/08	182-183	A 24 F	13/10	257-260	A 24 F	13/22			
			205.25	A 62 B	18/02		A 24 C	5/44	182-184.3	A 24 F	3/02	257	A 24 F	19/00			
			205.26	A 61 G	10/00	55	A 24 C	1/00	184.1-184.3	A 24 F	9/02		A 24 F	9/14			
				A 62 B	31/00	56-57	A 24 C	1/22	184.1	A 24 F	9/04	260	A 24 F	19/00			
			205.27-206.16	A 62 B	23/02	56-57.5	A 24 C	1/12	184.2	A 24 F	9/10		A 24 F	9/14			
				A 62 B	7/10	56-58	A 24 C	5/10	184.3	A 24 F	9/04	270-273	A 24 F	47/00			
			206.11	A 61 G	10/00	58-59	A 24 C	1/26	185-186	A 24 F	3/00	274	A 24 F	15/00			
				A 61 M	16/00	58	A 24 C	5/08	185	A 24 F	47/00	275-276	A 24 B	15/30			
			206.12-206.17	A 62 B	18/08	60	A 24 C	5/14	186	A 24 F	13/22	277	A 24 B	15/36			
			206.17	A 62 B	19/00		A 24 C	5/31		A 24 F	9/14	278	A 24 B	15/38			
			206.18-206.19	A 62 B	23/02	61.1-62	A 24 C	5/47	187	A 24 F	13/02	279	A 24 B	15/30			
				A 62 B	7/10	61.1	A 24 C	5/52	188-190	A 24 F	13/08	280	A 24 C	5/32			
			206.18-206.21	A 62 B	18/02	62	A 24 B	15/00	190	A 24 F	13/02	281	A 24 C	1/38			
			206.22-206.27	A 62 B	18/08		A 24 C	5/00	191	A 24 F	1/28		A 24 C	1/38			
			206.28	A 62 B	18/02	63-65	A 24 C	5/12	192	A 24 F	13/02	282	A 24 C	5/60			
			206.29-207.11	A 62 B	18/08		A 24 C	5/28		A 24 F	7/02		A 24 C	1/14			
			207.12	A 62 B	18/10	66.1-66.2	A 24 C	5/18	193	A 24 F	1/24		A 24 C	1/44			
			207.13	A 62 B	18/02	67	A 24 C	5/22	194-196	A 24 F	1/22		A 24 C	5/33			
			207.14-207.17	A 61 M	16/00		A 24 C	5/24		A 24 F	13/04	283	A 24 C	5/35			
			207.14	A 62 B	9/06	68	A 24 C	5/26	194	A 24 F	1/32	284	A 24 C	1/42			
			207.16-207.17	A 62 B	9/06	69	A 24 C	5/24	195	A 24 F	5/04		A 24 C	5/38			
			207.16	A 62 B	9/02	70-74	A 24 C	5/00	197	A 24 F	1/16		A 24 C	5/60			
			207.18	A 61 M	15/08	75	A 24 C	1/18	198.1-198.2	A 24 F	5/04	285	A 24 C	1/14			
				A 62 B	7/00		A 24 C	5/06	199-200	A 24 F	1/00		A 24 C	1/26			
			207.29	A 61 M	16/00		A 24 C	5/42	199	A 24 F	13/00	286-289	A 24 C	1/00			
			830-838	A 61 F	6/06	76	A 24 C	1/32	200-201	A 24 D	3/00		A 24 C	5/00			
			839	A 61 F	6/14		A 24 C	5/47	200-202	A 24 D	1/04	290	A 24 B	15/00			
			840	A 61 F	6/06		A 24 C	5/58	201-202	A 24 F	13/06		A 24 B	3/10			
			841	A 61 F	6/14	77-79	A 24 C	5/06	202-204	A 24 F	1/20	291-296	A 24 B	3/18			
			842-843	A 61 F	6/02	77	A 24 C	1/18	202	A 24 F	7/04	297	A 24 B	15/24			
			844	A 61 F	6/04	78	A 24 C	1/20	204-205	A 24 F	5/06	298	A 24 B	15/26			
			845	A 61 G	15/00		A 24 C	3/00	205-206	A 24 F	1/02	299	A 24 B	15/22			
			846-847	A 61 F	13/00		A 24 C	5/00		A 24 F	5/08	300-301	A 24 B	15/00			
			846	A 61 F	5/37	79-80	A 24 C	1/18	207	A 24 F	1/20		A 24 B	3/00			
			848	A 61 F	5/56		A 24 C	1/20	209-210	A 24 F	1/16	300-304	A 24 B	1/02			
			849	A 61 B	19/00	80	A 24 C	3/00	209-211	A 24 F	13/04	300-307	A 24 B	9/00			
			850-856	A 61 B	19/08	81.1	A 24 B	7/14	210	A 24 F	5/08	302-303	A 24 B	3/02			
			857	A 61 F	11/00		A 24 C	1/02	211-212.2	A 24 F	1/00	302	A 24 B	3/12			
			858	A 61 F	9/00	82	A 24 C	1/00	213	A 24 F	1/02	303	A 24 B	3/04			
			859-862	A 61 C	5/14	83.1	A 24 C	1/18		A 24 F	13/04	304	A 24 B	3/00			
			863	A 61 B	19/00		A 24 C	5/18	214	A 24 F	5/00	305-307	A 24 B	3/02			
			864-866	A 61 F	11/00	84.1-84.4	A 24 C	5/28	215.1-215.3	A 24 F	1/02		A 24 B	3/06			
			867	A 61 F	11/06	84.4	A 24 C	1/18		A 24 F	5/04	308	A 24 B	15/20			
			868	A 61 F	11/00	85-86	A 24 C	5/06	215.1	A 24 F	13/04		A 24 B	3/12			
			869	A 61 B	19/00	85	A 24 C	1/20	215.2	A 24 F	13/06	309	A 24 B	15/00			
			870-884	A 61 F	5/37	87	A 24 C	1/20	215.3-219	A 24 F	13/04		A 24 B	15/28			
			885-886	A 61 F	5/48	88-93	A 24 C	1/32	216-218	A 24 F	1/16	310	A 24 B	15/30			
			887	A 61 B	17/00	88	A 24 C	5/47	216	A 24 F	1/18		A 24 B	15/42			
			888-889	A 61 F	13/00	89	A 24 C	5/54	218	A 24 F	1/02	311-312	A 24 B	5/10			
			890	A 61 J	13/00	90	A 24 C	1/34	219-220	A 24 F	1/18	313-314	A 24 B	5/00			
			891	A 61 F	13/00	91	A 24 C	1/36		A 24 F	1/20	314	A 24 B	5/08			
			892-894	A 61 F	13/06		A 24 C	5/12	220-222	A 24 F	5/00	315	A 24 B	5/16			
			897-899	A 61 B	19/00	92	A 24 C	5/26	220	A 24 F	5/06	316-317	A 24 B	3/18			
							A 24 C	5/54	223	A 24 F	1/02		A 24 B	5/12			

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Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation
U.S. CLASS 131--Con.																	
331-333	A 24 D	3 / 06	202	A 61 K	8 / 18	284	A 45 D	8 / 08	105-122	B 08 B	3 / 00	131	E 04 H	15 / 50			
331	A 24 B	15 / 00		A 61 Q	5 / 00	285	A 45 D	29 / 00	122R	B 21 B	45 / 02	132-136	E 04 H	15 / 44			
332	A 24 B	15 / 28		A 61 Q	7 / 00	286	A 45 D	40 / 00		C 23 G	3 / 02	132-138	E 04 H	15 / 36			
333-334	A 24 B	15 / 18		A 61 Q	9 / 00		A 45 D	40 / 18		G 03 D	3 / 13	138	E 04 H	15 / 44			
334	A 24 D	3 / 00	203-205	A 45 D	7 / 04	287	A 45 D	33 / 20	123-201	B 08 B	3 / 00	139-142	E 04 H	15 / 46			
335-336	A 24 D	3 / 04	206	A 45 D	7 / 06	288	A 45 D	33 / 32	123	B 08 B	3 / 04	143-144	E 04 H	15 / 48			
337	A 24 D	3 / 06	207	A 45 D	7 / 04		A 45 D	42 / 10			9 / 00	145	E 04 H	15 / 50			
338-344	A 24 D	3 / 04	208-209	A 61 K	8 / 18	289	A 45 D	27 / 22	172-201	B 08 B	3 / 12	146-155	E 04 H	15 / 48			
341-346	A 24 D	3 / 06	208	A 61 Q	5 / 08	290	A 45 D	27 / 16		B 08 B	6 / 00	156	E 04 H	15 / 42			
346	A 24 D	3 / 04		A 61 Q	5 / 10		A 45 D	27 / 18				157-161	E 04 H	15 / 34			
347	A 24 F	47 / 00	209	A 61 Q	5 / 00	291	A 45 D	27 / 22	U.S. CLASS 135								
348	A 24 D	1 / 14		A 61 Q	7 / 00		A 45 D	42 / 08	TENT, CANOPY, UMBRELLA,								
349	A 24 D	1 / 00		A 61 Q	9 / 00	292	A 45 D	27 / 00	OR CANE								
350	A 24 D	3 / 18	210	A 45 D	7 / 00	293	A 45 D	33 / 00	15.1	A 45 B	25 / 02	U.S. CLASS 136					
	A 24 F	1 / 00	211-212	A 45 D	7 / 02	294	A 45 D	33 / 24		A 45 B		BATTERIES:					
351	A 24 D	1 / 10	213-213.1	A 45 D	24 / 34		A 45 D	33 / 26	16	A 45 B	3 / 00	THERMOELECTRIC AND					
352	A 24 B	15 / 00	214	A 45 D	24 / 36	295-296	A 45 D	33 / 22		A 45 B	5 / 00	PHOTOELECTRIC					
353-354	A 24 B	15 / 12	215	A 45 D	2 / 50	297	A 45 D	33 / 28	17-19	A 45 B	21 / 00	200-202	H 01 L	37 / 00			
353-358	A 24 B	3 / 14	216	A 45 D	40 / 30	298-299	A 45 D	33 / 02	19.5	A 45 B	13 / 00	200	H 01 L	35 / 00			
355	A 24 B	15 / 14	217	A 45 D	2 / 48	300	A 45 D	33 / 24		A 45 B	19 / 00	201	H 01 L	35 / 34			
356-358	A 24 B	15 / 12	218	A 45 D	40 / 26	301-302	A 45 D	42 / 02	20.1	A 45 B	11 / 00	203-204	H 01 L	35 / 28			
359	A 24 B	15 / 00	219	A 45 D	24 / 00	303	A 45 D	33 / 00		A 45 B	17 / 00	205	H 01 L	35 / 30			
360	A 24 B	1 / 00	220	A 45 D	2 / 36	304-305	A 45 D	42 / 02		A 45 B	23 / 00	206-207	H 01 L	35 / 00			
361-363	A 24 F	7 / 00		A 45 D	4 / 14	306-307	A 45 D	33 / 02		A 45 B	25 / 00	208-212	H 01 L	35 / 28			
361	A 24 B	1 / 04	221-223	A 45 D	2 / 00	308-310	A 45 D	44 / 18	20.2	A 45 B	19 / 02	213-216	H 01 L	35 / 00			
362-363	A 24 D	1 / 04	221	A 45 D	37 / 00	311	A 46 B	11 / 00	20.3-21	A 45 B	11 / 00		H 01 L	37 / 00			
	A 24 D	3 / 00	224-225	A 45 D	2 / 40		A 46 B	15 / 00		A 45 B	17 / 00	217-222	H 01 L	35 / 28			
364	A 24 D	1 / 00	224	A 45 D	1 / 00	312	A 45 D	40 / 00	22-24	A 45 B	25 / 14	223	H 01 L	35 / 00			
365	A 24 D	1 / 02	225	A 45 D	2 / 42	313	A 45 D	44 / 18		A 45 B	23 / 00		H 01 L	37 / 00			
	D 21 H	11 / 00	226	A 45 D	2 / 12		A 46 B	15 / 00		A 45 B	25 / 00	224-228	H 01 L	35 / 28			
	D 21 H	13 / 00	227	A 45 D	1 / 02	314	A 45 D	40 / 24	22-24	A 45 B	25 / 16	229	H 01 L	35 / 00			
	D 21 H	15 / 00		A 45 D	2 / 22	315	A 45 D	27 / 22		A 45 B	25 / 16		H 01 L	37 / 00			
	D 21 H	17 / 00	228	A 45 D	6 / 06		B 65 D	43 / 14	25.1	A 45 B	19 / 00	230-234	H 01 L	35 / 02			
	D 21 H	19 / 00	229-230	A 45 D	1 / 04	316	A 45 D	42 / 00	25.2	A 45 B	19 / 12	235	H 01 L	35 / 06			
	D 21 H	21 / 00		A 45 D	2 / 36	317-318	A 45 D	40 / 24	25.3-25.34	A 45 B	19 / 10	236.1	H 01 L	35 / 12			
	D 21 H	23 / 00		A 45 D	4 / 00	319	A 45 D	40 / 30	25.4	A 45 B	19 / 08	237	H 01 L	35 / 08			
	D 21 H	25 / 00	231	A 45 D	4 / 18	320	A 45 D	40 / 26	25.41	A 45 B	19 / 00	238	H 01 L	35 / 16			
	D 21 H	27 / 00	232	A 45 D	1 / 04	321-329	A 61 C	15 / 00	26	A 45 B	19 / 06		H 01 L	35 / 22			
366	A 24 B	13 / 00	233-234	A 45 D	4 / 16	330-332	A 45 D	8 / 18	27	A 45 B	25 / 02	239-241	H 01 L	35 / 20			
367	A 24 D	1 / 00	233	A 45 D	1 / 20	333	A 45 D	44 / 00	28	A 45 B	25 / 06	239	H 01 L	35 / 14			
368	A 24 B	13 / 00	235	A 45 D	2 / 36	U.S. CLASS 134			29-32	A 45 B	25 / 00	242	H 01 L	35 / 02			
	A 24 D	1 / 16	236	A 45 D	6 / 08	CLEANING AND LIQUID			33.2-33.4	A 45 B	25 / 18	243-251	H 02 N	6 / 00			
	A 24 B	15 / 12		A 45 D	6 / 18	CONTACT WITH SOLIDS			33.41	A 45 B	15 / 00	243	H 01 L	25 / 00			
369-375	A 24 B	3 / 14	237-238	A 45 D	6 / 02	1-1.3	B 08 B	6 / 00	33.5-33.6	A 45 B	25 / 00	244-251	H 01 L	31 / 00			
				A 45 D	6 / 04	1	B 08 B	3 / 12	33.7-33.71	A 45 B	25 / 20	252-265	H 01 L	31 / 00			
			239-240	A 45 D	2 / 32		B 08 B	7 / 00	34.2	A 45 B	25 / 24	U.S. CLASS 137					
			241	A 45 D	2 / 34		B 08 B	7 / 02	37	A 45 B	25 / 12	FLUID HANDLING					
			242	A 45 D	2 / 12	1.1-1.3	C 25 F	1 / 00	38-43	A 45 B	25 / 08	1-12	E 03 B	1 / 00			
			243	A 45 D	6 / 18		C 25 F	3 / 30	44	A 45 B	25 / 00		F 17 D	1 / 00			
			244	A 45 D	6 / 08		C 25 F	5 / 00	48	A 45 B	25 / 28		F 17 D	3 / 00			
				A 45 D	6 / 10	2	C 03 C	23 / 00	65	A 45 B	1 / 00		F 17 D	2 / 00			
53-56	A 41 G	5 / 00		A 45 D	2 / 18		C 23 G	1 / 00	66	A 45 B	3 / 00	12.5	A 23 L	2 / 00			
53	A 41 G	3 / 00		A 45 D	2 / 20	3	C 23 G	1 / 02		A 45 B	5 / 00		B 67 D	1 / 00			
56	A 41 G	3 / 00		A 45 D	2 / 14	4-7	B 08 B	7 / 00	67	A 61 H	3 / 00	13-14	F 17 D	1 / 16			
57.1-62	A 42 B	7 / 00	245	A 45 D	2 / 00	5	C 23 G	1 / 00	68-73	A 61 H	3 / 02		F 17 D	1 / 18			
63.1-66.1	A 44 B	9 / 00		A 45 D	2 / 18	8	B 08 B	9 / 04	74-75	A 45 B	9 / 00	15.01	B 08 B	7 / 00			
68.1-72.1	A 44 B	9 / 06	246	A 45 D	2 / 18	9	B 08 B	7 / 00	76	A 45 B	9 / 02		B 08 B	9 / 02			
73	A 45 D	29 / 00	247	A 45 D	2 / 20	10-13	B 08 B	7 / 04	77-83	A 45 B	9 / 04		E 03 B	1 / 00			
73.5	A 45 D	29 / 18	248	A 45 D	2 / 14	11	C 23 G	1 / 36	77-86	A 61 H	3 / 02		E 03 B	9 / 00			
	B 26 B	13 / 22	249	A 45 D	2 / 16	10	B 08 B	5 / 00	84	A 45 B	1 / 00		F 17 D	3 / 00			
73.6	A 45 D	29 / 05		A 45 D	2 / 28	14	B 08 B	1 / 00		A 45 B	7 / 00	15.02	E 03 B	9 / 02			
74.5	A 45 D	29 / 18	250	A 45 D	2 / 08	15	B 08 B	1 / 02	85	A 45 B	1 / 02	15.03	G 01 F	1 / 00			
75	A 45 D	29 / 20	251-252	A 45 D	6 / 16	16-17	B 08 B	7 / 02	86	A 45 B	9 / 04	15.04-15.06	B 08 B	3 / 00			
75.3-75.5	A 45 D	29 / 18	251	A 45 D	6 / 14	18	C 23 G	7 / 04	87	E 04 H	15 / 00		B 08 B	5 / 00			
75.5	B 26 B	17 / 00	253	A 45 D	2 / 16	19-20	B 08 B	7 / 00	88.01-88.09	E 04 H	15 / 06	15.07	B 08 B	1 / 00			
75.6	A 45 D	29 / 04		A 45 D	2 / 18		F 23 J	1 / 00	88.1-88.12	E 04 H	15 / 08		B 08 B	9 / 04			
75.8	A 45 D	29 / 05	254	A 45 D	2 / 00	21	B 08 B	5 / 04	88.13-88.18	E 04 H	15 / 06		F 16 L	55 / 26			
	A 45 D	29 / 14	255	A 45 D	2 / 12	22.1	B 08 B	9 / 00	90	E 04 H	15 / 04	15.08-15.09	E 03 B	11 / 00			
76.2	A 45 D	29 / 20		A 45 D	2 / 14	22.11	B 08 B	9 / 027	91	E 04 H	15 / 10		E 03 B	3 / 00			
76.4-76.5	A 45 D	29 / 18	256	A 45 D	2 / 24	22.12-22.17	B 08 B	9 / 00	92	E 04 H	15 / 12		E 03 B	7 / 00			
101	A 42 B	7 / 00		A 45 D													