

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 201--Con.														
27	C 10 B	47/00	148	C 10 B	5/20	268	C 10 B	29/04	157.48	C 01 B	7/00		B 23 H	7/04
28-29	C 10 B	21/18	149	C 10 B	49/00	269-270	C 10 B	29/00	157.49	C 01 B	17/00		C 25 B	15/00
	C 10 B	47/28	150	C 10 B	17/00		C 10 B	45/00	157.5	C 01 B	13/00		C 25 B	9/04
30	B 01 D	5/00	151	C 10 B	21/10				157.51	C 01 B	15/00		C 25 C	3/16
	C 10 B	47/00	152	B 01 D	3/00					C 01 D	1/00		C 25 C	3/20
31	C 10 B	47/24		C 02 F	1/02	U.S. CLASS 203								
	C 10 B	49/10	153-155	B 01 D	3/14	DISTILLATION: PROCESSES,								
	C 10 B	49/22	153-156	B 01 D	3/02	SEPARATORY								
	C 10 B	55/10	158-159	B 01 D	3/14	1-3	B 01 D	3/42	157.52	C 01 F	3/00	230.1-230.8	B 23 H	7/14
32-33	C 10 B	47/20	160	B 01 D	3/42	4-5	B 01 D	3/00	157.6	C 07 F	1/00		C 25 B	15/00
	C 10 B	49/06	161-162	B 01 D	3/14	5	B 01 D	59/04		C 07 F	3/00		C 25 B	9/00
	C 10 B	49/18	163-170	B 01 D	3/00	6-7	B 01 D	3/34		C 07 F	5/00		C 25 B	9/04
	C 10 B	55/06	168-170	B 01 D	11/00		C 23 F	11/00	157.61-157.63	C 07 B			C 25 C	3/16
34	C 10 B	47/18	172-174	B 01 D	3/02		C 23 F	14/00	157.61	B 01 J	19/12		C 25 C	3/20
	C 10 B	49/04	175-180	B 01 D	3/00	8-12	B 01 D	3/00	157.62	B 01 J	19/10		C 25 D	17/00
	C 10 B	55/04	181	B 01 D	3/42	8-9	B 01 D	59/00	157.63-157.65	B 01 J	19/08		C 25 D	21/12
35	C 10 B	47/00	182-184	B 01 D	3/14	8	C 01 D		157.64-157.65	C 07 C			C 25 F	7/00
	C 10 B	49/00	185.1-185.6	B 01 D	3/00		C 07 B		157.67	C 07 C	401/00	232-241	C 25 B	15/00
	C 10 B	51/00	185.1-196	F 28 B			C 07 C	69/54	157.68	C 07 G	13/00	242	C 25 B	9/00
	C 10 B	53/00	185.1	C 02 F	1/04	9	C 07 C	7/00		C 07 G			C 25 C	7/00
	C 10 B	55/00	185.2-185.3	B 01 D	5/00	10-11	B 01 D	3/10		C 08 H	1/06		C 25 D	17/00
	C 10 B	57/00	185.4	B 01 D	3/02		B 63 J	4/00		C 08 K	3/00	243.1	B 01 D	59/40
36-38	C 10 B	57/12	185.5-186	B 01 D	5/00		C 02 F	1/04	157.69-157.72	C 07 D			B 01 D	
39-40	C 10 B	49/00	187	B 01 D	1/28	13	C 01 B	21/44	157.69	C 08 G	73/10		C 25 C	3/08
	C 10 B	51/00	188	C 02 F	1/14	14-16	C 07 C	51/44	157.7	B 01 J	19/12	244-247.5	C 25 C	3/00
	C 10 B	53/00	189-192	B 01 D	5/00	16	C 07 C	53/08	157.71	C 07 D	213/61	247.1-247.5	B 01 D	59/50
	C 10 B	55/00	193	C 02 F	1/04	17	C 07 C	45/82	157.72	B 01 J	19/12		C 25 C	5/04
	C 10 B	57/00	194	B 01 D	5/00	18-19	C 07 C	29/80	157.73	C 07 F	9/02	247.1-274	C 25 C	7/00
39	C 10 B	39/00	195-196	C 02 F	1/04	18	B 01 D	3/00	157.74	C 07 F	7/12	248-274	C 25 B	9/00
	C 10 B	47/00	197	B 01 D	3/00	19	C 07 C	31/08		C 07 F			C 25 D	17/00
40	C 10 B	31/00	198-199	B 01 D	3/14	20	B 01 B	1/02	157.75-157.86	C 07 C		275.1-279	C 25 B	9/00
	C 10 B	37/00	200-204	B 01 D	3/00		B 01 D	19/02	157.75	C 07 F	3/10		C 25 C	7/00
41	C 10 B	33/00	205	B 01 D	3/10	21-27	B 01 D	3/00	157.76	C 07 B	45/00		C 25 D	17/00
	C 10 B		206	B 01 D	3/42	28-38	B 01 D	3/34	157.77	A 01 N	35/06	275.1	B 23 H	11/00
	C 10 B		207	C 10 B	1/00	39-40	B 01 D	3/00	157.78-157.79	B 01 J	19/12		C 25 F	7/00
				C 10 B	47/00	40	B 01 D		157.8	C 07 B	37/02	278.5	B 23 H	11/00
				C 10 B	9/00	39	B 01 D	45/00	157.81	C 07 C	209/68		C 25 F	7/00
				C 10 B	21/00	41	B 01 D	47/00	157.82-157.83	B 01 J	19/12	280	C 25 B	11/00
81-83	B 01 D	3/00	208-210	C 10 B	21/00	42	B 01 D	15/00	157.84	C 07 C	201/00		C 25 C	7/02
	C 10 B		209	C 10 B	47/00		B 01 D	3/34	157.85	B 01 J	19/12		C 25 D	17/10
82	B 01 D	1/28	210	C 10 B	53/02		B 01 D	47/00	157.86	C 07 D	213/61	281	C 25 D	1/00
83	B 01 D	5/00	211-212	C 10 B	9/00		B 01 D	5/00	157.87-157.89	C 07 C	51/00	282	C 25 B	13/00
	C 02 F	1/18	213	C 10 B	53/02		B 01 D	11/00		C 07 C	67/00		C 25 C	7/04
84-87	C 10 B	1/00	214	C 10 B	33/00	43-44	B 01 D	3/00	157.9	C 07 C	29/00	283	C 25 B	11/03
85-87	C 10 B	21/00	215-216	C 10 B	49/00	45-46	B 01 D	21/00		C 07 C	37/00		C 25 C	7/02
	C 10 B	3/00	215	C 10 B	21/00	47	B 01 D	24/00	157.91	C 07 C	401/00		C 25 D	17/12
	C 10 B	5/00		C 10 B	23/00		B 01 D	29/00	157.92-157.93	C 07 C	45/00	284	C 25 B	11/00
88-96	C 10 B	51/00	216-220	C 10 B	1/00		B 01 D	43/00	157.92	C 07 C	41/00	285	C 25 B	11/03
	C 10 B	9/00	218	C 10 B	1/10	48	B 01 D	9/00	157.94-158.12	C 07 C	17/00		C 25 C	7/02
97-98	C 10 B	7/14	221	C 10 B	1/04	49-70	B 01 D	3/34	158.14	C 07 C	1/00		C 25 D	17/12
99-100	C 10 B	49/00	222-226	C 10 B	1/00	71-82	B 01 D	3/00		C 07 C	2/00	286.1	B 23 H	3/04
99	C 10 B	21/20	226-227	C 10 B	39/00	73-75	B 01 D	3/10		C 07 C	4/00	287-289	C 25 B	11/00
100	C 10 B	21/00	228	C 10 B	45/00	77-78	B 01 D	3/10		C 07 C	5/00		C 25 C	7/02
101	C 10 B	47/08	228-229	C 10 B	39/04	80-82	B 01 D	3/10		C 07 C	6/00		C 25 D	17/10
	C 10 B	9/00	228	C 10 B	39/02	83	B 01 D	3/38	158.2	B 01 J	35/00	288.1-288.6	B 23 H	11/00
102-104	C 10 B	15/02	230	C 10 B	39/12		B 01 D	3/00		C 01 B			B 23 H	5/10
102-107	C 10 B	47/00	232-235	B 01 D	3/00		B 01 D	3/38	158.21	C 07 B	63/00		B 23 H	7/22
102	C 10 B	3/00	236	B 01 D	3/08		B 01 D	3/00	164-165	H 05 F	3/00		B 23 H	7/26
	C 10 B	5/00		B 01 D	3/28		B 01 D	3/14	166	C 07 G	13/00		C 25 B	13/00
103-104	C 10 B	7/00	237	B 01 D	3/04		B 01 D	3/06	167	C 10 G	32/02		C 25 B	9/00
105-119	C 10 B	1/00	238	B 01 D	3/08		B 01 D	3/00		C 11 B			C 25 F	7/00
108	C 10 B	49/00	239	B 01 D	3/00	90	B 01 D	3/08	168-171	C 07 C		290.01-290.15	B 23 H	3/04
	C 10 B	51/00		B 01 D	3/32	91-94	B 01 D	3/10	168	B 29 C	59/10		B 23 H	5/10
109	C 10 B	27/00		C 10 B	25/06	91	B 01 D	3/00	169	B 01 J	19/08		B 23 H	7/22
110	C 10 B	13/00		C 10 B		92	B 01 D	3/38	170	B 01 J	12/00		C 25 B	11/00
111	C 10 B	5/14	241	C 10 B	43/00	93-94	B 01 D	3/00	171	B 01 J	19/08		C 25 C	7/02
	C 10 B	5/20	242-246	C 10 B	25/00	95-96	B 01 D	3/34		C 07 C	2/80		C 25 D	17/10
112	C 10 B	57/18	242	C 10 B	1/00		B 01 D	3/38	172	C 10 G	15/00		C 25 F	7/00
117	C 10 B	31/00	243	C 10 B	25/18	97-99	B 01 D	3/00		C 10 G		291-293	C 25 B	11/04
	C 10 B	7/00	244-246	C 10 B	25/20				173	C 01 B	31/00	294	C 25 B	11/12
118	C 10 B	7/10	247-248	C 10 B	1/06	U.S. CLASS 204								
119	C 10 B	7/00		C 10 B	25/06	CHEMISTRY: ELECTRICAL								
120-121	C 10 B	49/00		C 10 B	25/24	AND WAVE ENERGY								
120-127	C 10 B	1/04	249	C 10 B	1/10	155-156	C 25 B	5/00		C 01 B	15/01	297.01-297.16	B 23 H	11/00
122	C 10 B	5/20		C 10 B	25/00	157.15	C 07 C	1/00	174	C 25 B	1/30		B 23 H	7/26
123	C 10 B	5/12	250	C 10 B	25/22		C 07 C	2/00	175	C 01 B	15/01	295-296	C 25 C	7/04
124-127	C 10 B	21/20	251	C 10 B	31/00		C 07 C	4/00	176	C 01 B	13/10		C 25 C	7/04
128-129	C 10 B	49/00	252	C 10 B	25/00		C 07 C	5/00	177	C 01 B	21/00		B 23 H	11/00
128-130	C 10 B	1/08	253	C 10 B	39/00		C 07 C	6/00	178-179	C 01 B	21/30		B 23 H	7/26
130	C 10 B	5/12		C 10 B	39/06		C 07 C	6/00	192.1-192.38	C 23 C	14/32		C 25 C	7/00
	C 10 B	5/20	254-255	C 10 B	27/00		C 07 C	5/00	193-194	C 25 D		297.01-298.41	C 25 B	9/00
131	C 10 B	1/10	256	C 10 B	27/06	157.2-157.22	B 01 D	5/00	194	C 25 D	17/00	298.01-298.41	C 23 C	14/00
132	C 10 B	1/08	257	C 10 B	2									

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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 204--Con.			U.S. CLASS 205											
403.03-403.12	C 12 Q	1/00				172	C 25 D	11/04		C 25 C	3/00	562	C 25 C	1/16
403.13	A 61 B	5/00				173	C 25 D	11/20	344	C 25 B	13/00	563-564	C 25 C	1/22
403.14	C 12 Q	1/00					C 25 D	11/22		C 25 C	7/04	565-571	C 25 C	1/20
403.15	G 01 N	27/30				174	C 25 D	11/00	345-347	C 25 B	1/00	572-573	C 25 C	1/10
450-516	B 01 D	61/42				175	C 25 D	11/12		C 25 B	3/00	574-586	C 25 C	1/12
	B 01 D	61/58				176-177	C 25 D	5/10		C 25 C	1/00	587-593	C 25 C	1/06
450-553	B 01 D	59/42				178	C 25 D	5/12		C 25 C	3/00	594-596	C 25 C	1/08
	B 01 D	59/50				179-180	C 25 D	5/14	348	C 25 B	11/02	597-601	C 25 C	1/18
450-554	B 01 D	57/02	43	C 25 B	1/00	181	C 25 D	5/12		C 25 C	7/02	602-609	C 25 C	1/16
	C 02 F	1/469		C 25 C	1/22	182	C 25 D	5/10	349-351	C 25 B	15/00	610-614	C 25 C	1/14
	C 07 K	1/26		C 25 C	3/34	183	C 23 C	28/00		C 25 C	7/08	615	C 25 C	1/00
	C 08 F	2/58	44-49	C 25 C	1/22	184-187	C 23 C	28/02	352-353	C 25 B	1/00	616	C 25 B	1/00
	C 25 B	15/00		C 25 C	3/34	188-191	C 23 C	28/00		C 25 B	3/00	617	C 25 C	1/00
	C 25 B	7/00	50-51	B 41 M	5/20	192-193	C 23 C	28/02		C 25 C	1/00	618-619	C 25 C	1/24
	G 01 F	1/64		C 25 D	7/00	194-200	C 23 C	28/00		C 25 C	3/00	620-621	C 25 C	1/02
	G 01 L	1/20		H 01 M	4/02	201-202	C 23 C	28/00	354	C 25 B	1/00	622-623	C 25 B	1/24
	G 01 L	9/18	52-56	B 41 M	5/20		C 25 D	11/18		C 25 B	3/00		C 25 B	11/04
456-470	G 01 N	33/559	57-66	H 01 M	10/44	203-204	C 25 D	11/24	355	C 25 B	3/00	624-625	C 25 B	11/04
459	C 07 K	1/28		H 01 M	4/02	205-211	C 25 D	5/34	356	C 25 B	3/06	626-627	C 25 C	1/00
471-483	C 25 D	1/12		H 01 M	4/29	212	C 25 D	5/38		C 25 B	3/08	628	C 25 C	1/02
471-512	C 25 D	13/00	67	C 25 D	1/00	213-214	C 25 D	11/16	357-358	C 25 B	1/00	629	C 25 C	1/10
	C 25 D	15/00	68	B 29 D	17/00		C 25 D	5/44	359	C 25 B	1/24	630-632	C 25 B	1/02
472-488	C 23 C	28/00		C 25 D	1/00	215	C 25 D	5/34	360-362	C 25 B	1/00	633	C 25 C	1/02
	C 23 F	17/00		G 11 B	3/70	216	C 25 D	5/34	363-366	C 25 C	3/36	634	C 25 C	1/10
489-508	C 09 D	5/44	69	B 41 C	3/02		C 25 D	5/40	367	C 25 C	3/00	635-636	C 25 B	1/02
513-514	C 10 G	32/02		B 41 C	3/08	217-218	C 25 D	5/36	368-370	C 25 C	3/34		C 25 B	11/04
	C 10 G	33/02		B 41 N	1/04	219	C 25 D	5/34	371	C 25 C	3/00	637	C 25 B	1/02
	C 10 G	35/16		C 25 D	1/00	220-221	C 25 D	5/48	372-373	C 25 C	3/06	638-639	C 25 B	1/02
515-517	C 04 B		70	C 25 D	1/10	222	C 25 D	5/52	374	C 25 C	3/16		C 25 B	11/04
	E 02 D	3/11	71	C 25 D	1/06	223	C 25 D	5/48	375	C 25 C	3/20	640	B 23 H	11/00
515	B 01 J		72	C 25 D	1/00	224-228	C 25 D	5/50	376	C 25 C	3/06		B 23 H	3/00
	E 04 B	1/70	73	C 25 D	1/02	229	C 25 D	11/18	377-379	C 25 C	3/08		B 23 H	5/00
517	B 01 D	61/00	74	C 25 D	1/00		C 25 D	5/48	380-387	C 25 C	3/08		B 23 H	7/00
518-519	B 01 D	61/42	75	C 25 D	1/08	230-233	C 25 D	3/66		C 25 C	3/12		B 23 H	9/00
	B 01 D	61/58	76-77	C 25 D	1/04	234-237	C 25 D	3/00	388	C 25 C	3/08		C 25 F	3/00
520-541	B 01 D	61/00	78-79	C 25 D	1/00	238	C 25 D	3/56		C 25 C	3/16		C 25 F	7/00
542-554	B 01 D	61/42	80	C 25 D	5/00	239-242	C 25 D	3/58	389	C 25 C	3/06		H 01 L	
	B 01 D	61/58	81	C 25 D	21/12	243-246	C 25 D	3/56		C 25 C	3/08		H 05 K	3/07
545-546	G 01 N	27/447		C 25 D	5/00	247-251	C 25 D	3/62	390	C 25 C	3/06	641-642	B 23 H	11/00
545-553	B 01 J		82-84	C 25 D	21/12	252-254	C 25 D	3/60	391	C 25 C	3/22		B 23 H	3/00
547	B 03 C	5/02	85-86	C 25 D	5/54	255-260	C 25 D	3/56	392-395	C 25 C	3/06		B 23 H	3/02
548-549	G 01 N	27/447	87-92	C 25 D	5/00	261	C 25 D	3/00	396	C 25 C	3/06		B 23 H	5/00
548	C 07 K	1/28	93	C 25 D	5/22	262	C 25 D	3/54		C 25 C	3/20		B 23 H	7/00
551	B 01 D	53/04	94	C 25 D	21/11	263	C 25 D	3/46	397	C 25 C	3/26		B 23 H	9/00
553	F 25 J	3/06	95	C 25 D	5/16	264-265	C 25 D	3/50	398-401	C 25 C	3/28		C 25 F	3/00
554-558	C 02 F	1/48	96-97	C 25 D	5/00	266-268	C 25 D	3/48	402-403	C 25 C	3/02		C 25 F	7/00
554-573	B 01 D	17/06	98	C 25 D	21/06	269	C 25 D	3/12	404-405	C 25 C	3/04		H 01 L	
	B 01 D	57/00		C 25 D	21/18	270	C 25 D	3/20	406-409	C 25 C	3/02		H 05 K	3/07
	B 03 C	5/00	99	C 25 D	21/18	271-274	C 25 D	3/12	410	C 25 B	1/00	643	B 23 H	11/00
	B 03 C	9/00	100	C 25 D	21/20	275	C 25 D	3/16	411	C 25 B	1/24		B 23 H	3/00
554	B 01 D	59/00	101	C 25 D	21/18	276	C 25 D	3/12	412	C 25 B	1/00		B 23 H	5/00
555-557	B 01 D	59/48	102-105	C 25 D	5/18	277-279	C 25 D	3/18		C 25 B	3/00		B 23 H	7/00
	B 03 C	1/00	106-108	C 25 D	11/00	280	C 25 D	3/12	413-414	C 25 B	1/00		B 23 H	7/18
555-558	B 01 D	11/04		C 25 D	5/18	281	C 25 D	3/26	415-418	C 25 B	3/00		B 23 H	9/00
555-570	C 10 G	32/02	109-110	C 25 D	15/00	282	C 25 D	3/28	419-429	C 25 B	3/00		C 25 F	3/00
	C 10 G	33/02	111-113	C 25 D	5/00	283-286	C 25 D	3/04	430	C 25 B	3/08		C 25 F	7/00
555-573	B 01 D	59/50	114-115	C 25 D	5/02	287-289	C 25 D	3/06	431-446	C 25 B	3/00		H 01 L	
558-573	B 01 D	59/46	116	C 25 D	7/08	290	C 25 D	3/10	447	C 25 B	3/02	644-645	H 05 K	3/07
559-570	C 10 G	35/16	117	C 25 D	5/06	291-292	C 25 D	3/38	448	C 25 B	3/00		B 23 H	11/00
571-573	C 02 F	1/48	118-122	C 25 D	5/02	293-294	C 25 D	3/40	449	C 25 B	3/02		B 23 H	3/00
600-621	C 02 F	1/40	123-124	C 25 D	5/02	295-298	C 25 D	3/38	450	C 25 B	3/00		B 23 H	5/00
	C 02 F	11/00		H 01 L	21/288	299	C 25 D	3/34	451	C 25 B	3/06		B 23 H	7/00
	C 25 B	11/00		H 01 L	21/445	300-301	C 25 D	3/30	452	C 25 B	3/02		B 23 H	9/00
	C 25 B	13/00	125-126	C 25 D	5/02	302-304	C 25 D	3/32	453-456	C 25 B	3/00		C 25 F	3/00
	C 25 B	9/00		H 05 K	3/00	305	C 25 D	3/22	457-458	C 25 B	3/12		C 25 F	7/00
	G 01 N	27/00	127	B 41 C	3/08	306-308	C 25 D	3/24	459	C 25 B	3/06		H 01 L	
	G 01 R			B 41 N	1/04	309-314	C 25 D	3/22	460	C 25 B	3/08		H 05 K	3/07
622-626	C 25 D	1/12		C 25 D	5/02	315	C 25 D	3/54	461	C 25 B	3/06	646	B 23 H	11/00
	C 25 D	13/00	128-132	C 25 D	5/02	316	C 25 D	9/00	462-463	C 25 B	3/00		B 23 H	3/00
	C 25 D	15/00	133	C 25 D	5/08	317	C 25 D	11/00	464	C 25 B	1/00		B 23 H	5/00
627-629	B 01 D	61/42	134-136	C 25 D	5/02	318	C 25 D	9/02	465	C 25 B	1/28		B 23 H	7/00
627-640	B 01 D	35/06	137	C 25 D	5/00	319	C 25 D	11/38	466-468	C 25 B	1/30		B 23 H	9/00
	B 01 D	69/00	138-142	C 25 D	7/06	320-323	C 25 D	11/00	469	C 25 B	1/32		C 25 F	3/00
	B 01 D	71/00	143	C 25 D	17/16		C 25 D	9/00	470-476	C 25 B	1/28		C 25 F	3/04
	F 25 B	41/02		C 25 D	5/00	324-325	C 25 D	11/04	477-497	C 25 B	1/00		C 25 F	7/00
627-650	C 25 B	11/00	144	C 25 D	5/00	326-327	C 25 D	11/06	498-499	C 25 B	1/24		H 01 L	
	C 25 B	13/00		C 25 D	7/00	328-331	C 25 D	11/08	500-505	C 25 B	1/26		H 05 K	3/07
	C 25 B	9/00	145	C 25 D	17/28	332	C 25 D	11/06	506-509	C 25 B	1/00	647	B 23 H	11/00
627-674	C 02 F	1/40		C 25 D	7/00	333	C 25 D	11/00	510-515	C 25 B	1/16		B 23 H	3/00
	C 02 F	11/00	146-147	C 25 D	5/00									