

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 200--Con.																	
52R	H 01 H	3 / 02	83T	H 01 H	35 / 34	276.1	H 01 H	1 / 06	342	H 01 H	3 / 48	539	H 01 H	15 / 00			
	H 01 H	3 / 14		H 01 H	43 / 28		H 01 H	3 / 12	343-345	H 01 H	13 / 70		H 01 H	3 / 20			
	H 01 H	35 / 00	83V-83W	H 01 H	35 / 26	277	H 01 H	1 / 06	400	H 01 H	5 / 00	540-542	H 01 H	15 / 06			
56A	G 01 D	13 / 26		H 01 H	35 / 34		H 01 H	1 / 16	401	H 01 H	23 / 00	543	H 01 H	15 / 00			
56R	G 01 G	23 / 36	83WWM	H 01 H	35 / 26	277.1	H 01 H	3 / 12	402	H 01 H	5 / 00		H 01 H	17 / 08			
	G 01 P	1 / 10		H 01 H	35 / 34	277.2	H 01 H	21 / 00	403	H 01 H	29 / 00	544	H 01 H	15 / 00			
	G 01 P	1 / 11	83Y-83Z	H 01 H	35 / 34	278	H 01 H	1 / 10	404	H 01 H	5 / 02		H 01 H	17 / 18			
60	F 21 V	23 / 04	84A	H 01 H	35 / 18	279	H 01 H	1 / 06	405	H 01 H	5 / 00	545	H 01 H	15 / 00			
61	H 01 H	35 / 00	84B	H 01 H	35 / 00	280-281	H 01 H	9 / 00	406	H 01 H	5 / 18		H 01 H	17 / 06			
61.01	H 01 H	35 / 24	84C	H 01 H	36 / 02	282	H 01 H	1 / 42	407	H 01 H	5 / 20	546	H 01 H	17 / 02			
61.02	H 01 J	47 / 00	84R	G 01 F	23 / 36	283	H 01 H	1 / 00	408	H 01 H	5 / 14	547	H 01 H	15 / 10			
61.03	H 01 H	35 / 24		G 01 F	23 / 60		H 01 H	50 / 56	409	H 01 H	5 / 30		H 01 H				
61.04-61.05	H 01 H	29 / 00		H 01 H	35 / 18	284	H 01 H	1 / 00	410	H 01 H	19 / 24	548	H 01 H	15 / 02			
61.06-61.07	H 01 H	35 / 42	85A	H 01 H	35 / 00	285	H 01 H	1 / 60		H 01 H	5 / 00	549-551	H 01 H	15 / 06			
61.08	H 01 H	85 / 00	85R	A 61 B	5 / 11		H 01 H	3 / 62	411	H 01 H	3 / 20	552	H 01 H	13 / 00			
61.09-61.12	H 01 H	3 / 16		H 01 H	3 / 14	286-287	H 01 H	1 / 34	412	H 01 H	3 / 12		H 01 H	13 / 14			
61.13-61.18	H 01 H	9 / 00		H 01 H	35 / 00		H 01 H	1 / 48	413	H 01 H	17 / 08	553	H 01 H	21 / 00			
61.19	H 01 H	27 / 04	86A	H 01 H	35 / 00		H 01 H	37 / 00	414	H 01 H	3 / 20	554	H 01 H	1 / 42			
61.2-61.24	H 01 H	35 / 00	86R	G 08 G	1 / 02	288	H 01 H	3 / 60	415	H 01 H	3 / 20		H 01 H	21 / 54			
61.25-61.26	H 01 H	35 / 24		H 01 B	7 / 10	289	H 01 H	1 / 62		H 01 H	5 / 00	555	H 01 H	1 / 42			
61.27-61.28	H 01 H	3 / 16		H 01 H	3 / 14		H 01 H	37 / 74	416	H 01 H	3 / 42	556	H 01 H	21 / 00			
61.29	H 01 H	3 / 14	86.5	H 01 H	3 / 14		H 01 H	50 / 12		H 01 H	5 / 00		H 01 H	3 / 20			
61.3-61.44	H 01 H	3 / 16	175	H 01 H	63 / 00		H 01 H	9 / 52	417	H 01 H	3 / 12	557	H 01 H	21 / 24			
61.45M	H 01 H	35 / 02	176-177	H 01 H	67 / 14	290	H 01 H	1 / 00	418	H 01 H	3 / 36	558-559	H 01 H	19 / 00			
	H 01 H	35 / 14	178	H 01 H	67 / 02	291-292	H 01 H	9 / 00	419	H 01 H	21 / 48		H 01 H	21 / 00			
61.45R	G 01 P	15 / 135	179	H 01 H	67 / 26	293	H 01 H	1 / 64	420	H 01 H	17 / 08	560	H 01 H	19 / 00			
	H 01 H	35 / 02	180	H 01 H	63 / 26		H 01 H	1 / 66	421	H 01 H	21 / 50	561	H 01 H	15 / 00			
	H 01 H	35 / 14	181	H 01 H	57 / 00		H 01 H	13 / 00	422	H 01 H	13 / 14	562-563	H 01 H	15 / 02			
61.46	H 01 H	29 / 02	182-185	H 01 H	29 / 00		H 01 H	19 / 04	423	H 01 H	17 / 08	564	H 01 H	19 / 14			
	H 01 H	29 / 26	186	H 01 H	29 / 08		H 01 H	19 / 08	424-427	H 01 H	3 / 20	565	H 01 H	13 / 62			
61.47-61.52	H 01 H	35 / 02	187-189	H 01 H	29 / 00		H 01 H	21 / 00	428	H 01 H	3 / 42	566	H 01 H	13 / 62			
	H 01 H	35 / 14	190	H 01 H	29 / 28		H 01 H	9 / 02	429	H 01 H	15 / 18		H 01 H	19 / 14			
61.53	H 01 H	35 / 14		H 01 H	29 / 30		H 01 H	9 / 06	430	H 01 H	3 / 20	567	H 01 H	1 / 16			
61.54-61.57	H 01 H	9 / 00	191-192	H 01 H	29 / 00	293.1	H 01 H	9 / 04		H 01 H	5 / 00	568-571	H 01 H	19 / 20			
61.58B	A 44 B	11 / 25	193-194	H 01 H	29 / 06	294-295	H 01 H	13 / 00	431	H 01 H	5 / 10	572	H 01 H	15 / 06			
	B 60 R	22 / 48	195-196	H 01 H	29 / 26		H 01 H	19 / 04	432	H 01 H	3 / 50	573-574	H 01 H	3 / 42			
	H 01 H	3 / 16		H 01 H	29 / 32		H 01 H	19 / 08	433-435	H 01 H	5 / 08	600	H 03 K	17 / 975			
	H 01 H	3 / 16	197	H 01 H	29 / 00		H 01 H	21 / 00	436	H 01 H	3 / 48						
61.64-61.68	H 01 H	27 / 06		H 01 H	29 / 32		H 01 H	9 / 00	437-438	H 01 H	5 / 08						
61.69-61.76	H 01 H	3 / 16	198	H 01 H	29 / 00	296-297	H 01 H	13 / 00	439	H 01 H	3 / 42						
61.77	H 01 H	17 / 12	199-201	H 01 H	29 / 16		H 01 H	19 / 04	440	H 01 H	1 / 50						
61.78-61.82	H 01 H	3 / 16	202	H 01 H	29 / 16		H 01 H	19 / 08		H 01 H	5 / 06						
61.83	H 01 H	35 / 02		H 01 H	29 / 20		H 01 H	9 / 00	441	H 01 H	21 / 00	1-2	C 10 B	47 / 00			
61.84	H 01 H	3 / 16	203-207	H 01 H	29 / 02	298-300	H 01 H	13 / 14	442	H 01 H	5 / 08		C 10 B	49 / 00			
61.85-61.88	H 01 H	9 / 06		H 01 H	29 / 20		H 01 H	19 / 04	443-446	H 01 H	5 / 00		C 10 B	51 / 00			
61.89-61.9	H 01 H	3 / 14	208	H 01 H	29 / 00		H 01 H	21 / 04	447-448	H 01 H	5 / 30		C 10 B	53 / 00			
61.91	H 01 H	3 / 16		H 01 H	29 / 02		H 01 H	9 / 02	449-450	H 01 H	15 / 18		C 10 B	55 / 00			
61.93	H 01 H	3 / 02	209	H 01 H	29 / 00	301	H 01 H	3 / 60		H 01 H	5 / 00	1-4	C 10 B	57 / 00			
79	H 01 H	3 / 16		H 01 H	29 / 18		H 01 H	9 / 00	451	H 01 H	5 / 22	2	C 10 B	43 / 00			
80A	H 01 H	29 / 26	210	H 01 H	29 / 00		H 01 H	9 / 02	452	H 01 H	5 / 18	3-4	C 10 B	33 / 00			
	H 01 H	35 / 10	211-212	H 01 H	29 / 00	302.1	H 01 H	9 / 04	453-454	H 01 H	5 / 06		C 10 B	47 / 00			
80B	H 01 H	35 / 10		H 01 H	29 / 02	302.2	H 01 H	13 / 06	455	H 01 H	5 / 10		C 10 B	49 / 00			
80R	H 01 H	35 / 10	213	H 01 H	29 / 00	302.3	H 01 H	19 / 06	456	H 01 H	5 / 18		C 10 B	51 / 00			
	H 02 K	11 / 00	214-218	H 01 H	29 / 02	303-307	H 01 H	13 / 04	457	H 01 H	5 / 06		C 10 B	55 / 00			
	H 02 P	1 / 12	219-229	H 01 H	29 / 00		H 01 H	19 / 04	458	H 01 H	5 / 10	3-6	C 10 B	53 / 00			
81H	H 01 H	35 / 24	230	H 01 H	29 / 14		H 01 H	21 / 04	459-460	H 01 H	5 / 08	4	B 01 D	45 / 00			
81R	H 01 H	35 / 24		H 01 H	29 / 20		H 01 H	9 / 02	461	H 01 H	5 / 18		C 10 B	27 / 00			
	H 01 H	35 / 26	231	H 01 H	29 / 00	308-317	H 01 H	9 / 00	462-466	H 01 H	5 / 06	5-6	C 10 B	45 / 02			
	H 01 H	35 / 34	232	H 01 H	29 / 02	318-318.1	H 01 H	1 / 52	467	H 01 H	5 / 08		C 10 L	5 / 02			
81.4	H 01 H	35 / 24		H 01 H	29 / 20		H 01 H	3 / 20	468	H 01 H	5 / 00	7-8	C 10 B	53 / 08			
81.5	H 01 H	35 / 26	233-234	H 01 H	29 / 06		H 01 H	9 / 00	469	H 01 H	3 / 48	9	C 10 B	57 / 08			
81.6	H 01 H	29 / 28	235	H 01 H	29 / 04	318.2	H 01 H	1 / 52	470-471	H 01 H	3 / 20		C 10 L	9 / 00			
81.8	H 01 H	35 / 36	236	H 01 H	29 / 02		H 01 H	13 / 62	472	H 01 H	1 / 42	10	C 10 B	17 / 00			
81.9HG	H 01 H	35 / 40		H 01 H	29 / 04		H 01 H	13 / 68		H 01 H	5 / 00		C 10 B	49 / 00			
81.9M	H 01 H	35 / 40	237	H 01 H	33 / 02		H 01 H	3 / 20	500-501	H 01 H	3 / 40		C 10 B	51 / 00			
81.9R	G 01 P	13 / 00		H 01 J			H 01 H	9 / 00	502	H 01 H	1 / 00	11	C 10 B	47 / 14			
	H 01 H	3 / 24	238	H 01 H	1 / 00	319-327	H 01 H	1 / 52	503-504	H 01 H	1 / 12		C 10 B	47 / 26			
	H 01 H	35 / 40		H 01 H	9 / 00		H 01 H	3 / 20	505	H 01 H	3 / 02		C 10 B	49 / 14			
82A	H 01 H	35 / 26	239	H 01 H	1 / 14		H 01 H	9 / 00	506	H 01 H	1 / 40	12-16	C 10 B	47 / 00			
82B	H 01 H	33 / 40	240	H 01 H	1 / 16	329	H 01 H	13 / 00	507	H 01 H	3 / 40	12	C 10 B	49 / 16			

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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 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 01 F			C 25 D	17/00
	C 10 B	49/10	153-155	B 01 D	3/14	DISTILLATION: PROCESSES,			157.52	C 01 B	3/00		C 25 D	21/12
	C 10 B	49/22	153-156	B 01 D	3/02	SEPARATORY				C 01 B	4/00		C 25 F	7/00
32-33	C 10 B	55/10	158-159	B 01 D	3/14	1-3	B 01 D	3/42		C 01 B	6/00	230.1-230.8	B 23 H	7/14
	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		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	157.68	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	43-44	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	45-46	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	47	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		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	84	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	85	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	86	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	87	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	88	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	89	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			174	C 25 B	1/30	295-296	C 25 B	13/00
119	C 10 B	7/00		C 10 B	25/06	CHEMISTRY: ELECTRICAL			175	C 01 B	15/01		C 25 C	7/04
120-121	C 10 B	49/00		C 10 B	25/24	AND WAVE ENERGY			176	C 01 B	13/10	297.01-297.16	B 23 H	11/00
120-127	C 10 B	1/04	249	C 10 B	1/10	155-156	C 25 B	5/00	177	C 01 B	21/00		B 23 H	7/26
122	C 10 B	5/20		C 10 B	25/00	157.15	C 07 C	1/00	178-179	C 01 B	21/30		C 25 C	7/00
123	C 10 B	5/12	250	C 10 B	25/22		C 07 C	2/00	192.1-192.38	C 23 C	14/00		C 25 D	17/00
124-127	C 10 B	21/20	251	C 10 B	31/00		C 07 C	4/00		C 23 C	14/32		C 25 F	7/00
128-129	C 10 B	49/00	252	C 10 B	25/00		C 07 C	5/00	193-194	C 25 D		297.01-298.41	C 25 B	9/00
128-130	C 10 B	1/08	253	C 10 B	39/00		C 07 C	6/00	194	B 01 J	19/12	298.01-298.41	C 23 C	14/00
130	C 10 B	5/12		C 10 B	39/06		C 07 C	6/00	196.01-196.38	C 23 F	13/00		C 25 B	13/00
	C 10 B	5/20	254-255											