

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 132--Con.														
221-223	A 45 D	2/00	308-310	A 45 D	44/18		A 45 B	25/00	208-212	H 01 L	35/28	61	F 16 L	55/07
221	A 45 D	37/00	311	A 46 B	11/00	20.2	A 45 B	19/02	213-216	H 01 L	35/00	62	E 03 B	7/12
224-225	A 45 D	2/40		A 46 B	15/00	20.3-21	A 45 B	11/00		H 01 L	37/00	65-66	F 23 D	14/72
224	A 45 D	1/00	312	A 45 D	40/00		A 45 B	17/00	217-222	H 01 L	35/28		F 23 D	5/16
225	A 45 D	2/42	313	A 45 D	44/18		A 45 B	23/00	223	H 01 L	35/00	67	F 16 K	17/14
226	A 45 D	2/12		A 46 B	15/00		A 45 B	25/00		H 01 L	37/00		F 16 K	17/40
227	A 45 D	1/02	314	A 45 D	40/24	22-24	A 45 B	25/14	224-228	H 01 L	35/28	68.11-68.19	F 16 K	17/14
	A 45 D	2/22	315	A 45 D	27/22		A 45 B	25/16	229	H 01 L	35/00		F 16 K	17/40
228	A 45 D	6/06		B 65 D	43/14	25.1	A 45 B	19/00		H 01 L	37/00	68.21-77	F 16 K	17/14
229-230	A 45 D	1/04	316	A 45 D	42/00	25.2	A 45 B	19/12	230-234	H 01 L	35/02		F 16 K	17/40
	A 45 D	2/36	317-318	A 45 D	40/24	25.3-25.34	A 45 B	19/10	235	H 01 L	35/06	78.1-78.5	F 16 K	17/36
	A 45 D	4/00	319	A 45 D	40/30	25.4	A 45 B	19/08	236.1	H 01 L	35/12	78.1	F 16 K	31/04
231	A 45 D	4/18	320	A 45 D	40/26	25.41	A 45 B	19/00	237	H 01 L	35/08		F 16 K	31/12
232	A 45 D	1/04	321-329	A 61 C	15/00	26	A 45 B	19/06	238	H 01 L	35/16	78.2-78.3	F 16 K	31/00
233-234	A 45 D	4/16	330-332	A 45 D	8/18	27	A 45 B	25/02		H 01 L	35/22		G 05 B	11/00
233	A 45 D	1/20	333	A 45 D	44/00	28	A 45 B	25/06	239-241	H 01 L	35/20	78.4	F 16 K	31/44
235	A 45 D	2/36	U.S. CLASS 134						242	H 01 L	35/14		F 23 D	14/72
236	A 45 D	6/08	CLEANING AND LIQUID						243	H 01 L	35/02	79-80	F 16 K	17/38
	A 45 D	6/18	CONTACT WITH SOLIDS						242-251	H 02 N	6/00	81.1-81.2	F 16 K	17/36
237-238	A 45 D	6/02	1-1.3	B 08 B	6/00	33.5-33.6	A 45 B	25/00	243	H 01 L	25/00	82-86	F 15 B	5/00
	A 45 D	6/04	1	B 08 B	3/12	33.7-33.71	A 45 B	25/20		H 01 L	31/00		G 05 D	16/00
239-240	A 45 D	2/32		B 08 B	7/00	34.2	A 45 B	25/24	244-251	H 01 L	31/042	87.01-93	G 05 D	11/00
241	A 45 D	2/34		B 08 B	7/02	37	A 45 B	25/12	252-265	H 01 L	31/00	94	F 23 N	1/00
242	A 45 D	2/12		B 08 B	7/00	38-43	A 45 B	25/08	U.S. CLASS 137					
243	A 45 D	6/18		B 08 B	7/02	44	A 45 B	25/00	FLUID HANDLING					
244	A 45 D	6/08	1.1-1.3	C 25 F	1/00	45	A 45 B	25/28	1-12	E 03 B	1/00	109-114	G 05 D	11/00
	A 45 D	6/10		C 25 F	3/30	48	A 45 B	1/00		F 17 D	1/00	115.01-115.28	G 05 D	11/00
245	A 45 D	2/00		C 25 F	5/00	66	A 45 B	7/00		F 17 D	3/00	116.3-116.5	G 05 D	11/00
	A 45 D	2/14	2	C 03 C	23/00	67	A 45 B	3/00	12.5	A 23 L	2/00	118.01-118.07	G 05 D	11/00
246	A 45 D	2/18		C 23 G	1/00	68-73	A 45 B	5/00		B 67 D	1/00	119.01-122	G 05 D	11/00
247	A 45 D	2/20		C 23 G	1/02	74-75	A 61 H	3/02	13-14	F 17 D	1/16	123-153	F 04 F	10/00
248	A 45 D	2/14	4-7	B 08 B	7/00	76	A 45 B	9/00		F 17 D	1/18	154	B 67 D	5/54
249	A 45 D	2/16	5	C 23 G	1/00	74-75	A 45 B	9/02	15.01	B 08 B	7/00		F 04 F	1/00
	A 45 D	2/28	8	B 08 B	9/04	77-83	A 45 B	9/04		B 08 B	9/02	155	F 04 F	1/08
250	A 45 D	2/08	9	B 08 B	7/00	77-86	A 61 H	3/02		E 03 B	1/00	156-170.6	B 67 D	5/54
251-252	A 45 D	6/16	10-13	B 08 B	7/04	84	A 45 B	1/00		F 17 D	3/00		F 04 F	1/00
251	A 45 D	6/14	10	C 23 G	1/36	85	A 45 B	1/02	15.02	E 03 B	9/02	171-191	F 16 T	1/34
253	A 45 D	2/16	11	B 08 B	5/00	86	A 45 B	9/04	15.03	G 01 F	1/00	171	F 16 T	1/34
	A 45 D	2/18	14	B 08 B	1/00	87	E 04 H	15/00	15.04-15.06	B 08 B	3/00	172	B 01 D	17/02
254	A 45 D	2/00	15	B 08 B	1/02	88.01-88.09	E 04 H	15/06		B 08 B	5/00	173-174	B 01 D	19/00
255	A 45 D	2/12	16-17	B 08 B	7/02	88.1-88.12	E 04 H	15/08	15.07	B 08 B	1/00	175	F 16 K	39/04
	A 45 D	2/14	18	B 08 B	7/04	88.13-88.18	E 04 H	15/06		B 08 B	9/04	176	F 24 D	19/08
256	A 45 D	6/14	19-20	B 08 B	7/00	90	E 04 H	15/04		F 16 L	55/26	177	F 16 T	1/34
	A 45 D	2/24	21	F 23 J	1/00	91	E 04 H	15/04	15.08-15.09	E 03 B	11/00	178	F 16 T	1/14
257-258	A 45 D	2/28	22	B 08 B	9/00	92	E 04 H	15/10		E 03 B	3/00	179	B 01 D	19/00
259-260	A 45 D	2/24	22.11	B 08 B	9/027	93	E 04 H	15/12		E 03 B	7/00	180	B 60 T	17/00
259-261	A 45 D	2/26	22.12-22.17	B 08 B	9/093	94	E 04 H	15/14		E 03 B	9/00	181	F 16 T	1/24
262	A 45 D	2/14	22.18	B 08 B	9/093	95	E 04 H	15/16		E 03 B	9/00	182	F 16 T	1/48
263-264	A 45 D	2/26	22.19-23	B 08 B	9/00	96	E 04 H	15/30		F 16 K	43/00	183	F 16 T	1/16
263	A 45 D	2/24	24	B 08 B	9/04	97	E 04 H	15/02		F 16 K	51/00	184	E 21 B	43/34
265	A 45 D	2/00	25.1-25.5	B 08 B	9/20	98	E 04 H	15/18		F 16 L	1/024	185	F 16 T	1/30
266	A 45 D	6/02	26-30	B 08 B	3/00	99	E 04 H	15/28		F 16 L	55/10	186	F 16 K	24/04
	A 45 D	6/04	31	B 08 B	5/00	100	E 04 H	15/26		F 16 L	55/18	187	F 16 T	1/00
267	A 45 D	2/06	32	B 08 B	1/02	101	E 04 H	15/24		F 17 C	13/00	188	F 16 T	1/14
268	A 45 D	2/14	33	B 08 B	7/00	104	E 04 H	15/60	15.1	F 02 B	27/00	189	F 16 T	1/32
269	A 45 D	1/00	34	B 08 B	3/00	105	E 04 H	15/54		F 02 K	99/00	190-191	F 16 T	1/26
270	A 45 D	19/18	35	B 08 B	3/10	106	E 04 H	15/56	15.11	F 17 D	5/02	192-196	F 16 T	1/20
271	A 45 D	20/08	36	B 08 B	3/00	107	E 04 H	15/58	15.12-15.15	B 23 B	41/08	197-198	F 24 D	19/08
272	A 45 D	19/16	37	B 08 B	7/04	108	E 04 H	15/62	15.16	E 03 B	5/00	197-204	F 16 T	
273	A 45 D	8/00	38-40	B 08 B	7/00	109	E 04 H	15/64		F 04 B	23/00	199	F 16 K	24/04
274	A 45 D	8/40	38	C 23 D	17/00	110	E 04 H	15/62		F 04 F	1/00	200-201	F 24 D	19/08
275	A 45 D	8/12	40	C 23 G	1/00	111	E 04 H	15/32		F 16 K	51/00	202	F 16 K	24/04
276	A 45 D	8/00		C 23 G	5/00	112	E 04 H	15/34	15.17-15.18	F 16 K	43/00	203	B 60 T	17/00
277	A 45 D	8/20	41	C 23 G	1/02	113	E 04 H	15/36		F 16 K	51/00	204	F 16 T	1/14
278-279	A 45 D	8/22	42	B 08 B	3/14	114	E 04 H	15/40		F 16 K	31/12	205	B 67 C	3/16
	A 45 D	8/28		B 08 B	7/00	115	E 04 H	15/36		F 02 B	27/00	205.5	E 03 D	9/03
280	A 45 D	8/06	43-103.3	B 08 B	3/00	116	E 04 H	15/44		F 02 K	99/00	206-209	B 67 D	5/54
281-282	A 45 D	8/02	45	B 08 B	3/04	117	E 04 H	15/38		F 16 K	11/00		F 04 F	1/00
283	A 45 D	8/06	104.1-104.4	B 08 B	3/04	118	E 04 H	15/50	15.21	F 16 K	5/00		F 04 F	1/18
284	A 45 D	8/08	105-122	B 08 B	3/00	119	E 04 H	15/44	15.22	F 16 K	3/00	210-211	F 04 F	
285	A 45 D	29/00	122R	B 21 B	45/02	120.1-120.4	E 04 H	15/00	15.23	F 16 K	5/00	210	F 16 K	24/04
286	A 45 D	40/00		C 23 G	3/02	121-123	E 04 H	15/32	15.24	F 16 K	1/22	211	F 04 D	13/16
	A 45 D	40/18		G 03 D	3/13	124	E 04 H	15/36	15.25	F 16 K	1/22	211.5-214	B 67 D	5/54
287	A 45 D	33/20	123-201	B 08 B	3/00	125-127	E 04 H	15/40	15.26	F 16 K	31/18		F 04 F	1/00
288	A 45 D	33/32	123	B 08 B	3/04	128	E 04 H	15/36		F 16 K	33/00	215-218	E 03 C	1/10
	A 45 D	42/10		B 08 B	9/00	129-131	E 04 H	15/44	38-39	F 16 K	17/36		F 16 K	24/00
289	A 45 D	27/22	172-201	B 08 B	3/12	132-136	E 04 H	15/44	38-46	G 05 B		219-222	F 16 K	1/12
290	A 45 D	27/16		B 08 B	6/00	137-142	E 04 H	15/46		G 05 D			F 16 K	
	A 45 D	27/18		B 08 B	6/00	143-144	E 04 H	15/48	40	E 04 H	4/06		F 16 K	
291	A 45 D	27/22												