

# 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
<b>U.S. CLASS 398--Con.</b>																	
43	H 04 J	14/00	184	G 03 G	15/01	118.1	B 41 J	1/00	319	B 41 J	19/00	689-690.4	B 41 J	29/08			
44	H 04 J	14/04	185	G 03 G	15/36	118.2	B 41 J	2/00	320-320.1	B 41 J	25/304		B 41 J	29/10			
45-64	H 04 J	14/00	186-193	G 03 G	15/04	118.3	B 41 J	2/385	321	B 41 J	19/00	691-694	B 41 J	29/02			
58-64	H 04 B	10/20	194	G 03 G	15/36	120.01-120.18	B 41 J	2/315	322-323	B 41 J	19/30	691	B 41 J	29/12			
65	H 04 J	14/06	195	G 03 G	15/30	124.01	B 41 J	2/22	323.1	B 41 J	19/18		B 41 J	3/39			
66-78	H 04 J	14/00	196-202	G 03 G	15/041	124.02-124.07	B 41 J	2/30	324-326	B 41 J	19/00	695-700	B 41 J	11/60			
74-78	H 04 J	4/00	203	G 03 G	15/30	124.08	B 41 J	11/00	327	B 41 J	19/16		B 41 J	29/00			
79-97	H 04 J	14/02	204-216	G 03 G	15/00		B 41 J	13/00	328-328.1	B 41 J	19/20		B 41 J	29/36			
98-103	H 04 J	14/08	217	G 03 G	15/26		B 41 J	15/00		B 41 J	19/26	701-702.1	B 41 F	35/00			
104-105	H 04 B	13/02	218-221	G 03 G	15/04	124.09-124.1	B 41 J	2/25	329-332.6	B 41 J	19/00	701	B 41 J	29/17			
104-131	H 04 B	10/00	222	G 03 G	15/06	124.11	B 41 J	2/305	333-333.3	B 41 J	19/54	703-719	B 41 J	29/00			
132-134	H 04 B	10/02	223-233	G 03 G	15/01	124.12-124.14	B 41 J	2/235	334-334.3	B 41 J	19/66	713-718.2	B 41 J	11/62			
	H 04 B	10/12	234-235	G 03 G	15/08	124.15-124.24	B 41 J	2/27	335	B 41 J	19/56						
135-140	H 04 B	10/00	236	G 03 G	15/00	124.25-124.28	B 41 J	2/265	336-336.1	B 41 J	19/36						
141-150	H 04 B	10/12	237-250	G 03 G	15/10	124.29	B 41 J	2/255	337-341	B 41 J	19/02						
151-181	H 04 B	10/00	251	G 03 G	15/11	124.3-124.32	B 41 J	2/25	342-351	B 41 J	29/42						
182-201	H 04 B	10/04	252-263	G 03 G	15/08		B 41 J	2/26	352-358	B 41 J	11/22						
	H 04 B	10/12	264	G 03 G	15/095	127-134.6	B 41 J	1/54	359-364	B 41 J	23/32						
202-214	H 04 B	10/06	265-266	G 03 G	15/08		B 41 J	3/38		B 41 J	23/36						
			267-278	G 03 G	15/09	135-138.6	B 41 J	3/24	365-382	B 41 J	23/00						
			279-295	G 03 G	15/08	139	B 41 J	1/00	383-384	B 41 J	7/00						
			296-297	G 03 G	15/16		B 41 J	2/25	385-389	B 41 J	7/20						
			298-305	G 03 G	15/01	140-145.2	B 41 J	1/08	390-393	B 41 J	7/32						
				G 03 G	15/22		B 41 J	1/22	394-397	B 41 J	7/20						
				G 03 G	15/16	146	B 41 J	1/20	398-407	B 41 J	7/18						
				G 03 G	15/20	147-148	B 41 J	1/08	408-421	B 41 J	7/00						
				G 03 G	15/14	149-151.1	B 41 J	1/50	422-434.3	B 41 J	7/02						
				G 03 G	15/16	152	B 41 J	1/46		B 41 J	7/08						
				G 03 G	15/20	153-159	B 41 J	11/18	435	B 41 J	7/30						
				G 03 G	21/00		B 41 J	9/00	436-440.2	B 41 J	7/26						
				G 03 G	15/01	160-170	B 41 J	1/00	441-451	B 41 J	7/22						
				G 03 G	21/00		B 41 J	9/34	452-453	B 41 J	7/24						
				G 03 G	21/12	161.1-161.3	B 41 J	7/00	454-455	B 41 J	29/10						
				G 03 G	15/00	161.5	B 41 J	7/00	456-461	B 41 J	7/00						
				G 03 G	15/00	162.1	B 41 J	7/00	462-468	B 41 J	1/58						
				G 03 G	15/00	163-163.1	B 41 J	7/00	462-469	B 41 J	1/02						
				G 03 G	15/14	164	B 41 J	7/00	470-471.1	B 41 J	27/02						
				G 03 G	15/08	164.2	B 41 J	7/00	472-496	B 41 J	5/00						
				G 03 G	15/01	166	B 41 J	7/00	496	B 41 J	29/12						
				G 03 G	15/06	171-175	B 41 J	1/56	497-507	B 41 J	17/00						
				G 03 G	15/10		B 41 J	1/60		B 41 J	17/06						
				G 03 G	15/16		B 41 J	23/00	508-512	B 41 J	17/22						
				G 03 G	15/20	176-183	B 41 J	23/34		B 41 J	17/24						
				G 03 G	15/00	184-187	B 41 J	23/36	513-520	B 41 J	17/00						
				G 03 G	15/00	185-187	B 41 J	17/00	521-544	B 41 J	13/12						
				G 03 G	15/00	188-190	B 41 J	3/60		B 41 J	13/18						
				G 03 G	21/02	188	B 41 J	3/62	545	B 41 J	19/76						
				G 03 G	21/14	191	B 41 J	31/00	546-548	B 41 J	11/48						
				G 03 G	21/02	192	B 41 J	33/34	549	B 41 J	25/14						
				G 03 G	15/00	193	B 41 J	35/02	550	B 41 J	11/36						
				G 03 G	15/00	194-196.1	B 41 J	32/00	551	B 41 J	19/14						
				G 03 G	15/02	197-202.4	B 41 J	33/10	552	B 41 J	11/02						
				G 03 G	15/02		B 41 J	27/12	553	B 41 J	25/16						
				G 03 G	15/16		B 41 J	31/14	554	B 41 J	11/20						
				G 03 G	15/08		B 41 J	31/16	555-567	B 41 J	19/96						
				G 03 G	15/00		B 41 J	33/08	568	B 41 J	19/92						
				G 03 G	15/04		B 41 J	33/12	569-577	B 41 J	19/00						
				G 03 G	15/08		B 41 J	35/00	578	B 41 J	13/00						
				G 03 G	15/16		B 41 J	35/28		B 41 J	15/00						
				G 03 G	15/20		B 41 J	31/00	579-583.4	B 41 J	11/00						
				G 03 G	21/00		B 41 J	33/54	584-585.1	B 41 J	11/50						
				G 03 G	15/00		B 41 J	33/56	586-594.1	B 41 J	11/52						
				G 03 G	15/08		B 41 J	35/00		B 41 J	17/08						
				G 03 G	15/16		B 41 J	33/00	586-604	B 41 J	11/48						
				G 03 G	15/20		B 41 J	31/09	595-604	B 41 J	11/54						
				G 03 G	21/00		B 65 H	75/00	595-610.4	B 41 J	13/10						
				G 03 G	15/00		B 41 J	33/32		B 41 J	11/50						
				G 03 G	21/16		B 41 J	33/36		B 41 J	11/52						
				G 03 G	21/00		B 41 J	35/04		B 41 J	13/26						
				G 03 G	15/22		B 41 J	35/26	605-611	B 41 J	15/00						
				G 03 G	17/04		B 41 J	25/24	611-621.2	B 41 J	11/00						
				G 03 G	17/06		B 41 J	23/30	613	B 41 J	15/00						
				G 03 G	16/00		B 41 J	23/38	613.2-615.1	B 41 J	15/00						
				G 03 G	17/08		B 41 J	25/24	617-619	B 41 J	15/00						
				G 03 G	15/00		B 41 J	25/00	622-623	B 41 J	13/24						
				G 03 G	15/22		B 41 J	25/24	624-629	B 41 J	11/58						
				G 03 G	15/05		B 41 J	25/08		B 41 J	13/10						
				G 03 G	15/04		B 41 J	5/20	630-633.2	B 41 J	13/26						
				G 03 G	15/00		B 41 J	29/54		B 41 J	13/30						
				G 03 G	15/22		B 41 J	21/16	634-637.1	B 41 J	13/02						
				G 03 G	15/24		B 41 J	19/00		B 41 J	13/08						
				G 03 G	15/30		B 41 J	25/34	637.2-637.5	B 41 J	13/00						
				G 03 G	15/24		B 41 J	21/08	637.6-641	B 41 J	13/02						
				G 03 G	15/22		B 41 J	21/14		B 41 J	13/08						
				G 03 G	15/056		B 41 J	21/06	642-647.1	B 41 J	13/00						
				G 03 G	15/18		B 41 J	21/08	648-662	B 41 J	11/00						
				G 03 G	15/045		B 41 J	21/02	663-678	B 41 J	5/22						
				G 03 G	15/00		B 41 J	21/04	663-679	B 41 J	29/00						
				G 03 G	15/02		B 41 J	29/30	679	B 41 J	29/377						
				G 03 G	15/04		B 41 J	25/20	680-685	B 41 J	11/56						
				G 03 G	15/01		B 41 J	19/00		B 41 J	29/06						
				G 03 G	15/04		B 41 J	19/62	686-687	B 41 J	19/08						
				G 03 G	15/04		B 41 J	19/68		B 41 J	19/10						
				G 03 G	15/36		B 41 J	19/70	688	B 41 J	29/00						

**U.S. CLASS 401  
COATING IMPLEMENTS  
WITH MATERIAL SUPPLY**

**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
<b>U.S. CLASS 401--Con.</b>														
99-116	B 43 K	24/02	258-260	B 43 K	1/10		F 16 L	29/00	104-108	F 16 B	7/10	276	F 16 B	12/24
	B 43 K	5/16	259-260	B 43 K	1/06	16-22	B 25 G	3/00	109.1-109.8	F 16 B	7/10	277	B 21 D	53/84
112-115	B 43 K	7/12		B 43 K	5/16		E 21 B	19/16	110-165	F 16 D	1/12	278	F 16 B	5/04
117	B 43 K	7/12	261	A 47 L	13/30	17	A 47 J	45/06	111-121	F 16 D	3/00	279	E 04 B	5/10
118-127	A 46 B	11/00		B 43 K	5/00	18	F 16 B	7/04	111	F 16 C	11/00	280-281	E 04 B	1/49
121-122	A 46 B	17/08		B 43 M	11/06	19	E 04 B	1/19	112	F 16 B	7/10	282	F 16 D	1/072
128	B 43 M	11/00	262	B 43 K	23/12	20	B 60 M	5/00	113	F 16 C	11/00	283	F 16 B	15/00
129	A 46 B	11/00	263-264	A 47 L	13/30	21-22	F 16 B	37/04	114-115	F 16 C	11/06	284	F 16 G	11/02
130	A 45 D	33/00		B 43 K	5/18	23	F 16 B	11/00	116-149	F 16 C	11/00	285	H 01 R	4/20
131	B 43 K	23/02		B 43 M	11/06		F 16 D	3/84	118	F 16 B	7/18	286-288	B 25 G	3/00
132-135	B 43 K	5/14	265	B 43 K	1/06		F 16 L	11/12	121	F 16 C	32/02	286-291	F 16 D	1/00
136-138	A 47 L	1/08	266	B 05 C	11/00	24-25	F 16 B		150-159	F 16 J	1/16	286	E 21 B	17/043
	A 47 L	13/00	267	B 43 K	1/04		F 16 D	3/00	150-163	F 16 C	11/06	287	B 25 G	3/30
137	B 43 M	11/02	268	A 46 B	11/00	24	F 16 C	11/06	160-165	F 16 D	3/00	288	F 16 B	43/00
139	A 47 L	13/26	269	A 46 B	17/04	25	F 16 J	1/22	166	F 16 B	7/10	289-290	B 25 G	3/24
	A 47 L	13/30	270-288	A 46 B	11/04	26	F 16 B	7/00	167-168	F 16 B	7/08		F 16 B	2/02
140	A 46 B	11/00	270	A 47 L	13/22		F 16 C	32/00		F 16 B	9/00		F 16 B	7/04
141-142	B 43 K	7/08	275-290	A 47 L	13/22	27-30	F 16 D	1/12	169-170	F 16 B	7/04	291	F 16 B	
	B 43 K	7/10	289	A 46 B	11/06		F 16 D	1/00	169-178	F 16 L	41/00		F 16 C	11/12
143-144	B 43 K	5/02	290	A 46 B	11/00		F 16 G	11/00	169-185	F 16 B			F 16 G	11/00
145	B 43 K	5/04	291	A 46 B	11/04	27-32	F 16 B			F 16 D	1/00	292-298	F 16 B	12/36
146	B 43 K	5/02	292	A 46 B		27	B 25 G	3/00		F 16 D	3/00		F 16 B	13/00
147	B 43 K	7/10		A 47 L			F 16 C	11/06	171	E 04 B	1/19		F 16 B	7/00
	B 43 M	11/02		B 43 K	1/00	28-30	F 16 C	9/00	172	F 16 B	7/04	299-309	B 25 G	3/00
148-150	B 43 K	5/18		B 43 K		28	F 01 D	5/02	173	E 04 B	1/24	299-321	F 16 D	1/00
151	B 43 K	5/10		B 43 M		29-30	C 04 B	37/02	174	F 16 B	7/04	299	B 25 G	3/30
152-170	B 43 K	5/04				31	F 16 D	1/08	175	E 21 B	15/00		F 16 B	
171-177	B 43 K	5/06					F 16 D	3/80	176	F 16 B	7/04		F 16 G	11/00
171	B 05 C	17/01					F 16 L	17/00	177	H 01 J	5/32	300	F 16 B	7/18
	B 05 C	17/015				32	B 23 B	31/26	178	E 04 B	1/58		F 16 L	15/00
178	B 43 K	5/10					E 21 B	19/16	179	C 04 B	37/02	301-309	F 16 B	
179-182	B 43 K	5/06					F 16 D	1/00	180	F 16 G	11/12	301-320	F 16 G	11/00
183-186	B 43 M	11/06					F 16 G	11/00	181	A 47 L	13/24	301	F 16 B	7/04
187-188	A 46 B	11/02				33	F 16 C	11/00	182	F 16 G	11/10	302	B 21 D	53/84
187	B 43 K	5/02	1-6	B 42 F	13/40		F 16 D	1/12	183	F 16 D	11/033	303	H 01 R	4/52
188A	B 43 K	5/18	7	B 42 F	13/00		F 16 D	3/00	184	F 16 B	7/18	304	A 01 H	5/02
		5/02	8-13	B 42 F	13/02		F 16 B		185	F 16 G	11/04	305	E 04 C	5/16
190	A 46 B	11/02		B 42 F	3/00		F 16 C	11/06	186-188	F 16 B	9/00	306	B 65 G	21/20
	A 46 B	5/02	14-18	B 42 F	13/06		F 16 D	3/80	186-191	F 16 B	7/08	307	E 21 B	17/042
	B 05 C	17/005		B 42 F	13/08		F 16 L	17/00	186-201	F 16 L	41/00	308	H 01 R	4/50
191	A 46 B	11/00	19-23	B 42 F	13/02	35-36	F 16 C	11/00	192-201	F 16 B	9/00	309	F 16 B	5/00
192	B 43 K	5/12		B 42 F	3/02		F 16 D	1/12	202-204	E 21 B	19/16	310-314	F 16 B	2/02
	B 43 K	7/06	24-26	B 42 F	13/00		F 16 D	3/00		F 16 B			F 16 B	7/04
193	B 43 K	29/00	27-28	B 42 F	13/16	37	F 16 B			F 16 D	1/00		F 16 D	1/02
194	B 43 K	5/12	27-45	B 42 F	3/04		F 16 C	11/06		F 16 D	3/00	315-320	B 25 G	3/00
	B 43 K	7/06	29-45	B 42 F	13/20		F 16 D	3/80	202	F 16 K	31/60	315	F 16 B	21/09
195	B 43 K	29/00	46-56	B 42 F	13/30		F 16 L	17/00	203	F 16 F	1/38	316	F 16 D	1/116
196	B 05 C	21/00		B 42 F	3/02	38-39	F 16 C	11/00	204	F 04 D	29/20	317	F 16 B	21/16
	B 43 K	5/00	57	B 42 F	13/04		F 16 D	1/12	205	F 16 B	1/00	318	F 16 D	1/08
	B 43 K	8/00		B 42 F	3/06		F 16 D	3/00		F 16 B	9/00	319	F 16 D	17/04
	B 43 M	11/06	58-72	B 42 F	13/12	40-41	B 25 G	3/00		F 16 L	41/00	320	E 21 B	17/043
197	B 05 C	1/00		B 42 F	3/00	40-42	F 16 B		206-219	F 16 G	11/00	321	B 25 G	3/18
	B 05 C	17/00	60-69	B 42 F	13/36	40	F 16 C	11/06	206-229	F 16 B			F 16 B	21/00
	B 43 K	8/20	73-80	B 42 F	13/00	41-42	F 16 D	1/00	207	B 62 K	21/12	322.1-330	B 25 G	3/18
198-199	B 43 K	5/00	80R	B 42 F	13/12		F 16 L		208	A 47 C	31/06		F 16 B	21/00
	B 43 M	11/06		B 42 F	13/40		F 16 G		211	F 16 G	11/04		F 16 D	1/00
198	B 43 K	8/06				41	F 16 G	11/00	212	F 16 G	11/02	322.1-353	F 16 D	
199	B 43 K	8/08				42	B 62 D	7/16	213	H 02 G	7/05	331-332	F 16 B	
200	A 45 D	33/02				43-48	F 16 B	7/06	214	H 01 R	4/12	331-334	B 25 G	3/00
	B 05 C	19/04					F 16 G	11/12	215	F 16 B	7/18	331	E 21 B	17/046
	B 05 C	19/06	1	B 60 B	27/00	49	E 04 G	7/00	216	F 16 G	11/06	332	A 47 B	13/00
201	A 47 K	7/02		F 16 D	1/06		F 16 B	1/00	217-218	F 16 B	7/04	333-334	F 16 B	7/02
	B 43 K	8/10	2-22	F 16 B		50-51	F 16 J	15/52	217-219	F 16 D	3/00	335-341	F 16 B	
202-206	B 43 K	5/00	2	E 01 F	9/018		F 16 L	51/02	217-229	F 16 D	1/00		F 16 L	23/00
207	B 43 K	8/12		F 16 D	9/00	50-55	F 16 B	7/10	219	E 04 B	9/12	335	F 16 B	5/00
	B 43 M	11/06		F 16 P	5/00		F 16 C	11/00	220	F 16 C	11/04	336-337	F 16 D	1/033
208	B 05 C	17/00	3-4	F 16 D	1/00	52-55	F 16 D	1/12	221	F 16 C	11/06	338	F 16 B	5/06
	B 05 C	17/02		F 16 L	25/00	56	F 16 C	11/06	222	B 60 G	7/00	339	A 47 B	96/06
	B 05 C	21/00	3	F 16 K	31/60	57-58	F 16 D	3/00	223	B 64 G	1/64	340	B 29 C	65/00
	B 43 M	11/02	4	F 16 B	5/02	59-60	F 16 B	7/06	224-225	F 16 F	1/38	341	F 16 B	7/22
209	B 43 K	7/00	5	F 16 D	1/08		F 16 B	7/10	226	B 60 G	7/00	342-343	F 16 B	7/18
	B 43 K	7/03		F 16 L	17/00		F 16 G	11/12	227	F 16 F	1/393		F 16 L	15/00
	B 43 K	7/02		F 16 L	33/16	59	F 16 C	11/00	228	F 16 F	1/38	342-348	B 25 G	3/00
210	B 43 K	7/10	6-11	B 25 G	3/00	61-62	F 16 C	11/00	229	A 47 L	13/252	344-348	F 16 B	
211-212	B 43 K	23/08	6-9	F 16 D	1/00	62	F 16 D	1/12	230-233	F 16 B	9/00	344	F 16 D	1/08
213	B 43 K	7/10		F 16 G	11/00	63-64	F 16 B	7/10	230-234	F 16 B	7/08	345	F 16 B	17/00
214-216	B 43 K	7/02	6	E 21 B	37/02	64-73	F 16 C	11/00	230-264	B 25 G	3/00	346	E 06 B	3/99
217	B 43 K	7/02	7	F 16 B	7/04	64	F 16 D	1/12		F 16 L	41/00	347	E 04 B	9/12
218-220	B 43 M	11/02	8	F 16 B	12/20	65	F 16 B	12/44	235-236	F 16 B	9/00	348	F 16 B	21/02
221	B 43 K	5/00	9	E 21 B	17/043	66-67	F 16 B	7/10	237	F 16 B	7/08	349	B 25 G	3/16
222-224	B 43 K	5/02	10	F 16 K	31/60		F 16 D	3/00	238-264	F 16 B	9/00		F 16 B	7/20