

CONCORDANCE - United States to International Patent Classification

U.S. IPC			U.S. IPC			U.S. IPC			U.S. IPC			U.S. IPC		
Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation
U.S. CLASS 2			118	A 41 B	1 / 18		A 41 D	31 / 00	249	E 03 D	5 / 00	446	E 03 C	1 / 20
APPAREL			119	A 41 B	1 / 22		A 41 D		250	E 03 D	5 / 04	447-448	A 61 H	35 / 00
1	A 41 D		120	A 41 B	1 / 18	244	A 41 D	27 / 08	251.1-252.3	E 03 D	11 / 00	447	E 03 D	9 / 08
2.11-2.13	B 64 G	6 / 00	121-122	A 41 B	1 / 08	245	A 43 B	23 / 24	252.1-252.3	E 03 D	11 / 14	449	A 47 K	11 / 02
2.14	B 64 D	10 / 00	123-124	A 41 B	7 / 00	246	A 41 D	27 / 08	252.4-252.5	E 03 D	11 / 16	450-457	A 61 G	9 / 00
2.15-2.17	B 63 C	11 / 04	125-126	A 41 B	1 / 08	247-254	A 41 D	27 / 20	252.4-252.6	E 03 D	11 / 17	458	B 60 R	15 / 04
2.5	B 63 C	11 / 10		A 41 B	1 / 08	255-264	A 41 C	1 / 14	253	A 47 K	13 / 00	459	A 47 K	11 / 03
F 41 H		1 / 02	127	A 41 B	1 / 12		A 41 D	27 / 00	254	E 03 D	11 / 00	460-461	A 47 K	11 / 02
F 41 H		1 / 04	128	A 41 B	1 / 10		A 41 D	27 / 06	255.01-255.09	E 03 D	9 / 00	460	E 04 H	1 / 12
A 42 B		3 / 00	129-134	A 41 B	3 / 00	265	D 05 B	3 / 00	255.11-256.1	E 03 D	11 / 00	461-463	A 47 K	4 / 00
A 42 B		3 / 00	130	A 41 B	3 / 12	266	A 41 F	1 / 02	256.1	E 03 D	9 / 00	464-475	A 47 K	11 / 03
F 41 H		1 / 04	135-136	A 41 B	3 / 16		D 05 B	3 / 12	258-261	A 61 J	19 / 00	476-479	A 47 K	11 / 04
A 42 B		3 / 00	137-138	A 41 B	3 / 12	267-268	A 41 D	27 / 26	262	A 61 J	19 / 04	480-482	A 47 K	11 / 06
A 42 B		3 / 00	139-140	A 41 B	3 / 04	269-270	A 41 D	27 / 10	263-264	A 61 C	17 / 06	480	A 61 G	7 / 02
F 41 H		1 / 04	141.1-141.2	A 41 B	3 / 02	271	A 41 D	27 / 22		A 61 C	17 / 14	483	A 47 K	11 / 04
A 42 B		3 / 30	142-143	A 41 B	3 / 00	272	A 41 D	27 / 02	265-266	A 61 J	19 / 04	484	A 47 K	11 / 06
A 42 B		3 / 22	144	A 41 D	25 / 00	273-274	A 41 D	27 / 00	267-285	A 61 J	19 / 00	485-486	A 47 K	13 / 00
A 42 B		3 / 18	145	A 41 D	25 / 04	275	A 41 D	27 / 24	286-287	A 47 K	1 / 14	487	A 47 K	3 / 00
F 41 H		1 / 04		A 41 D	25 / 12	279	A 41 B	15 / 00	286-292	E 03 C	1 / 26		E 04 H	9 / 00
A 42 B		1 / 00	146	A 41 D	25 / 06	300-310	A 41 F	19 / 00	293-295	A 47 K	1 / 14	488-490	E 04 H	4 / 00
A 61 F		9 / 00	147	A 41 D	25 / 00	311-322	A 41 F	9 / 00	294	E 03 D	9 / 02	491	A 47 K	3 / 10
A 61 F		9 / 06	148-151	A 41 D	25 / 02	323-334	A 41 F	19 / 00	300	E 03 D	1 / 00	492-496	E 04 H	4 / 00
A 41 D		13 / 00	152.1-154	A 41 D	25 / 08		A 41 F	3 / 00		E 03 D	3 / 00	497	A 47 K	3 / 10
A 42 B		1 / 00	153	A 41 D	25 / 14	335	A 41 F	11 / 00		E 03 D	5 / 00		F 04 D	35 / 00
A 61 F		9 / 00	154-156	A 41 D	25 / 16		A 41 F	13 / 00	300.1	A 47 K	10 / 18	498-513	E 04 H	4 / 00
A 41 D		13 / 08	157	A 41 D	25 / 00	336-337	A 41 F	19 / 00		A 47 K	10 / 24	510-512	E 04 H	7 / 00
A 41 D		13 / 00	158	A 41 D	19 / 01	336	A 41 F	1 / 00		E 03 D	11 / 02	514	A 47 K	3 / 14
A 47 J		45 / 10		A 41 D		338-340	A 41 F	15 / 00	300.2	A 61 G	9 / 00		E 03 C	1 / 186
A 41 D		13 / 08	159-160	A 41 D	19 / 00		A 41 F	3 / 02		E 03 D	3 / 00	515	A 45 D	19 / 00
A 41 D			161.1-161.5	A 63 B	71 / 14		A 41 F	9 / 00	300.3	E 03 D	9 / 00	516	A 45 D	19 / 04
A 41 D		13 / 00	161.1-168	A 41 D	19 / 00	341-342	A 41 F	19 / 00		F 15 D	1 / 00	517	A 45 D	19 / 00
A 41 D		13 / 06	169	A 41 D	19 / 02	400-401	A 41 B	9 / 00	301-311	E 03 D	13 / 00	518	A 45 D	19 / 02
A 61 F		5 / 02	170	A 41 D	20 / 00	401	A 41 B	9 / 02	312	E 03 D	11 / 12		A 45 D	19 / 14
A 41 D		27 / 12		A 41 D		402	A 41 B	9 / 08	313-314	E 03 D	1 / 00	519	A 45 D	19 / 08
A 41 B		13 / 10	171	A 42 B	1 / 04	403-405	A 41 B	9 / 02	315	E 03 D	9 / 10		A 45 D	19 / 10
A 41 D		13 / 04		A 42 B		406-408	A 41 B	9 / 04	316	B 64 D	11 / 02	520-522	A 45 D	44 / 08
A 41 B		13 / 00	171.01-171.04	A 42 B	1 / 00	409	A 41 B	11 / 04	317-318	E 03 D	5 / 016	523	A 45 D	44 / 10
A 41 B		13 / 10	171.1-171.2	A 42 B		410	A 42 B	1 / 06	319-320	E 03 D	9 / 10	524-537	A 61 H	33 / 06
A 41 D		13 / 04	171.1	A 42 B	1 / 20	411-416	A 42 B	3 / 00	321-323	E 03 D	1 / 00	538	A 47 K	3 / 02
A 41 D		27 / 12	171.2-171.8	A 42 C	5 / 04	417-420	A 42 B	1 / 22	324-327	E 03 D	1 / 14	539	A 47 K	4 / 00
A 41 D		27 / 16	172	A 42 B	1 / 06	421	A 42 B	7 / 00		E 03 D	3 / 12	540	A 47 K	3 / 022
A 41 D		27 / 12	173	A 42 B	1 / 18	422	A 42 B	1 / 24	328	E 03 D	1 / 06	541.1-541.2	A 47 K	3 / 00
A 41 D		1 / 00	173.5-174	A 42 B		423-424	A 42 B	1 / 08	329-332	E 03 D	1 / 24		A 47 K	3 / 10
A 41 D			173.5	A 42 C	5 / 04	425	A 63 B	71 / 10	333-339	E 03 D	1 / 18	541.3	A 61 H	33 / 00
A 41 D		5 / 00	174	A 45 D	44 / 12	426-454	A 61 F	9 / 02	340	E 03 D	1 / 22	541.4	A 61 H	33 / 02
A 41 D		7 / 00	175.1-175.5	A 42 B	1 / 00	455-456	G 21 F	3 / 02	341	E 03 D	9 / 06	541.5	A 61 H	33 / 06
A 42 B		1 / 12	175.6	A 42 B	1 / 18	455-458	A 62 B	17 / 00	342	E 03 D	1 / 22	541.6	A 61 H	33 / 04
A 41 B			175.7	A 42 B	7 / 00	455	A 41 D	13 / 015	343	E 03 D	1 / 02	545-548	A 61 H	33 / 02
A 41 D			175.8	A 42 B	1 / 14		A 41 D		344	E 03 D	1 / 06	549-550	A 47 K	3 / 08
A 41 D		13 / 00	175.9	A 42 B	1 / 00		F 41 H	1 / 00	345-346	E 03 D	5 / 00	551	A 47 K	3 / 02
A 41 B		13 / 06	181-182.8	A 42 B		456	A 41 D	13 / 12	347	E 03 D	9 / 04	552	A 47 K	4 / 00
A 41 D		15 / 00		A 42 C	5 / 00	457	A 41 D	13 / 00	348-352	E 03 D	9 / 05	553-554	A 47 K	1 / 10
A 41 B		9 / 08	181	A 42 C	5 / 02	458	A 62 D	5 / 00	350	E 03 D	1 / 22		A 47 K	3 / 03
A 41 D		1 / 22	181.2	A 42 C	5 / 04	459-462	A 41 D	27 / 26	353	E 03 D	1 / 00		A 47 K	3 / 18
A 41 B		9 / 00	181.4	A 42 C	5 / 02	463-468	A 41 D	13 / 00	354-362	E 03 D	3 / 10	555-556	A 47 K	3 / 02
A 41 D		1 / 22	181.6	A 42 C	5 / 04	465-468	A 41 D	27 / 26	363	E 03 D	1 / 22	557-558	A 47 K	3 / 08
A 41 D		11 / 00	181.8	A 42 C	5 / 02				364	E 03 D	1 / 20		A 47 K	3 / 14
A 41 B		9 / 14	182.1-182.7	A 42 C	5 / 04				365	E 03 D	1 / 02	559	A 47 K	3 / 00
A 41 F		9 / 00	182.8	A 42 C	5 / 02				366-367	E 03 D	1 / 36	560.1-566.1	A 47 K	3 / 02
A 41 B		1 / 00	183	A 42 B	1 / 22				368-371	E 03 D	1 / 06	567-570	A 47 K	3 / 20
A 41 B		9 / 00	184	A 42 B					372	E 03 D	1 / 07		A 47 K	4 / 00
78.1-78.4	A 41 B			A 42 C	5 / 02	111.1-111.6	A 47 K	11 / 02	373-374	E 03 D	1 / 08	571.1-576.1	A 47 K	3 / 024
79	A 41 D	1 / 06	184.5	A 42 C	5 / 04	114.1	B 60 R	15 / 00	375	E 03 D	1 / 10	577.1-579	A 47 K	3 / 022
A 41 D		13 / 02	184.5	A 42 C	5 / 04	144.1-144.4	A 47 K	11 / 00	376-377	E 03 D	1 / 06	579	A 47 K	3 / 12
A 41 D		11 / 00	195.1-195.6	A 42 B	1 / 00	209R-209FF	E 03 D	9 / 04	378-391	E 03 D	1 / 34	580-584	A 47 K	3 / 02
80	A 41 D		195.2-195.4	A 42 B	1 / 22	209R	E 03 D	9 / 05	392-404	E 03 D	1 / 35	585	A 47 K	3 / 06
81	A 62 B	17 / 00	195.5-195.6	A 42 B	1 / 02		E 03 D	9 / 052	405	E 03 D	5 / 00	586	A 47 K	3 / 024
A 41 B			195.7-195.8	A 42 B	3 / 22		E 03 D	9 / 05	406	E 03 D	5 / 10		A 47 K	3 / 064
A 41 D		13 / 012	200.1-200.3	A 42 B	1 / 00	210	B 61 D	27 / 00	407	E 03 D	5 / 12	587	A 47 K	3 / 164
83	A 41 D	10 / 00	202-205	A 42 B	1 / 04	211-218	E 03 D	9 / 04	408-409	E 03 D	5 / 04	588	A 47 K	3 / 064
84	A 41 D	3 / 08	206	A 42 B	1 / 18	217	A 47 K	13 / 00	410-414	E 03 D	5 / 09	589-590	A 47 K	3 / 022
A 41 D			207	A 42 B	5 / 00	219-221	E 03 F	5 / 08	415-416	E 03 D	1 / 00	591	A 47 K	3 / 02
85-86	A 41 D	3 / 02	208-209	A 42 B	1 / 06	220	E 03 D	9 / 02	417-418	E 03 D	11 / 00	592	A 47 K	3 / 00
87	A 41 D	3 / 04	209.11-209.12	A 42 B	1 / 00	222-224	E 03 D	9 / 02	419	E 03 D	1 / 012		A 47 K	3 / 16
88-89	A 41 D	3 / 08	209.13-209.14	A 42 B	1 / 24	225.1	E 03 D	9 / 00	420	E 03 D	11 / 00	593-594	A 47 K	3 / 02
89	A 41 D	15 / 04	209.3-209.7	A 42 B		226.1-227.3	E 03 D	9 / 02	420.1					

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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 4—Con.						U.S. CLASS 7 COMPOUND TOOLS						U.S. CLASS 8 BLEACHING AND DYEING; FLUID TREATMENT AND CHEMICAL MODIFICATION OF TEXTILES AND FIBERS					
628	A 47 K	1/04	81.1HS	A 47 C	21/06	503.1	A 47 C	21/00									
	A 47 K	1/09		A 61 G	1/003		A 47 C	31/00									
	A 47 K	5/00	81.1R	A 61 G	5/00	504.1-506.1	A 47 C	21/02									
	A 47 K	7/02		A 61 G	7/053	507.1-509.1	A 47 B	23/02									
	E 03 C	1/18	81.1RP	A 61 G	5/12	510-511	A 47 C	21/00									
629-630	E 03 C	1/00		A 61 G	5/14	512-513	A 47 G	5/00									
630	A 47 B	77/06	81.1T	A 61 G	1/00	600	A 47 B	71/00	94.1D	C 14 B	1/26						
	A 47 K	1/04		A 61 G	7/00	601-606	A 47 B	13/00	94.1P	C 14 C	9/02						
631-632	A 47 K		89.1	A 61 G	1/00	602-610	A 47 B	7/02	94.1R	C 14 C							
631-636	E 03 C	1/33	93.1-93.2	A 47 D	13/06	607-613	A 47 B	7/00		D 06 M	19/00						
637	A 47 B	77/06		A 47 D	7/00	613-619	A 47 B	7/02	94.11	A 61 L	17/00						
	A 47 K		94-96	A 47 D	7/04	620-624	A 47 B	7/00		A 63 B	51/02						
	E 03 C	1/182	97-99.1	A 47 D	7/00	625-629	A 47 B	1/00		D 01 C	3/00						
	E 03 C		97	A 47 C	29/00	630-645	A 47 C	20/00	94.12	C 14 C	1/00						
638	A 47 B		98.1-99.1	A 47 C	7/00	646-648	A 47 C	17/86	94.13-94.14	C 14 C	11/00						
	E 03 C	1/18	100	A 47 D	7/02	649-651	A 47 C	20/04	94.13	C 14 C	13/00						
	E 03 C	1/186	101-104	A 47 D	9/00	649-657	A 47 C	20/02	94.14	C 14 C							
639-642	E 03 C	1/01	105-109	A 47 D	9/02	652-657	B 68 G	5/00		D 06 M							
639	A 47 K	1/12		A 47 D	9/04	652.1-657.5	A 47 C	16/00	94.15	C 14 C	1/00						
	A 47 K	4/00	110	B 02 B		658-663	A 47 C	31/00	94.16	C 14 C	1/06						
643-645	A 47 K	1/05		A 47 C	17/00	665-688	A 47 C	17/00	94.17-94.18	C 14 C	1/00						
	E 03 C	1/32	111	A 47 C	19/00	689	A 61 G	7/057	94.17	C 14 C	1/08						
646	E 03 C	1/326	112	A 47 C	19/04	690-691	A 47 C	17/00	94.19C-94.19R	C 14 C	3/00						
647-648	E 03 C	1/322	113	A 47 C	29/00	692	A 47 C	21/02	94.19R	C 14 C	1/08						
649	E 03 C	1/33	114	A 47 C	29/00	693-703	A 47 C	17/00		C 14 C	9/00						
650	A 47 K	1/04	114-115	A 47 C	17/64	704	A 47 C	21/08	94.2-94.23	C 14 C	11/00						
	E 03 C	1/00	116	A 47 C	17/70	705	A 47 C	17/00		C 14 C	5/00						
651	E 03 C	1/24	117	A 47 C	17/76	706-708	A 47 C	27/08	94.24	C 14 C	3/18						
652	E 03 C	1/264	118-119	A 47 C	17/64	709	A 47 C	27/14	94.25-94.26	C 14 C	3/02						
653	E 03 C	1/00	120-126	B 60 P	3/38	710	A 47 C	27/10		C 14 C	3/04						
654	A 47 K		127-130	A 45 F	3/22	711-715	A 47 C	27/08	94.27	C 14 C	3/06						
	E 03 C	1/244	131-132	A 45 F	4/08	716-721	A 47 C	23/04	94.28-94.29	C 14 C	3/04						
655	A 47 K	1/06	133-149	A 45 F	3/24	722-740	A 47 C	17/00	94.3	C 14 C	3/10						
656	A 47 J	47/20	150.1	A 47 C	19/00				94.31	C 14 C	3/24						
	A 47 L	19/02	151-158	A 47 C	19/12				94.32	C 14 C	3/10						
	A 47 L	19/04	159.1	A 47 C	17/38				94.33	C 14 C	3/08						
657	A 47 K		160-163	A 47 C	19/12	100	B 25 F	1/00	101-102	D 06 L	3/00						
	E 03 C	1/186	164.1	A 47 C	17/38	101	A 01 H	5/02	103	D 06 L	3/04						
	E 03 C		165	A 47 C	19/12	102	G 04 D		107	D 06 L	3/00						
658	A 47 J	47/20	166.1-166.2	A 47 C	19/12		A 43 D	5/00	108.1-109	D 06 L	3/06						
	E 03 C	1/181		A 47 C	19/00	103	B 68 F		110	D 06 L	3/00						
659	A 47 K	3/12	167-173	A 47 C	19/12	104	C 14 B	19/00	111	D 06 L	3/02						
	A 47 K	3/164	174-180	A 47 C	19/12	105	A 47 G	27/04		D 06 L	3/04						
660-661	E 03 C		181-185	A 47 C	19/04		A 21 C	37/22	112	D 01 C	3/00						
660	E 03 C	1/33	186.1-229	A 47 C	19/00	106-107	E 04 F	21/28		D 01 C							
661	A 47 K	17/00	230-235	A 47 C	23/00	106	B 25 F	1/00	114-114.5	D 06 M							
662-665	A 47 K	4/00	236-238	A 47 C	23/06	108	A 01 K	69/00	114-115	D 06 Q	1/02						
	E 03 C	1/01	239-245	A 47 C	23/30	109-117	B 25 F	1/00	114	D 06 Q	1/00						
666	E 03 D	9/00	246-277	A 47 C	23/04	110-113	A 47 J	21/04	114.5	D 06 Q							
667	A 47 K	13/10	264.1	A 47 C	23/00	110	A 47 G	21/04	115.51-115.69	D 06 M							
668-669	E 03 C	1/00	265-277	A 47 C	23/02	111	A 21 C	3/02	115.51	C 11 D	3/00						
668	F 16 K	31/00	278-316	A 47 C	23/00	112	A 47 G	21/02	115.52	C 08 J	7/18						
669	F 16 K	33/00	278-400	A 47 C	19/00	113	A 47 J	43/28	115.53	C 08 F	283/00						
670	E 03 C	1/01	308	A 47 C	19/22	114-116	A 01 B	1/00	115.54	D 01 F	9/22						
671-674	E 03 C	1/00	401	A 47 C	23/00		A 01 D	11/00	115.55	D 06 P	3/79						
672	F 16 K	35/14	402	A 47 C	31/02		A 01 D	7/00	115.56	D 06 M	13/127						
675-678	E 03 C	1/04	411	A 47 C	27/00		A 01 D	9/00	115.57	C 08 L	23/32						
679	E 03 C	1/12	412	A 47 C	19/04	118-120	B 26 B	11/00	115.58-115.6	D 06 M	15/423						
680	E 03 C	1/22	413AM	A 47 C	27/08	121-122	B 25 F	1/00	115.61	D 06 M	13/11						
	E 03 C	1/24	413R-413AM	A 47 G	9/08	121	D 05 B	91/04	115.62	D 06 M	14/14						
681	E 03 C	1/00	413R	A 41 B	13/06	122	B 25 D	1/00	115.63	D 06 M	13/285						
682-687	E 03 C	1/232	415	A 47 G	9/02		B 26 B	23/00	115.64	C 08 J	7/12						
688-693	E 03 C	1/23	416	B 62 B	9/14	123	A 47 G	25/00	115.65	D 06 P	1/673						
694	E 03 C	1/244		A 45 F	4/06	124	B 43 L	19/02	115.66	D 06 P	1/642						
695	E 03 C	1/042		A 45 F	4/08	125-137	B 25 B	7/22	115.67	D 06 M	13/395						
696	E 03 C	1/00		A 45 F	4/06	138-142	B 25 F	1/00	115.68	C 08 G	59/32						
				A 47 G	9/08	139-142	B 25 B	13/10	115.69	D 06 M	11/38						
				A 47 G	9/08	143-147	B 25 D	1/04	115.7-116.1	D 06 M	11/00						
				A 61 F	7/00	148-150	B 27 B	21/00		D 06 M	13/00						
				A 47 C	27/08	148-157	B 25 F	1/00		D 06 M	15/00						
8-9.1	A 47 C	19/22	422	A 47 C	27/08	151-156	B 67 B	7/00		D 21 H	11/00						
	A 47 C	19/00	423	A 47 C	27/00	157-163	B 26 B	11/00	119	D 21 H	15/00						
	A 47 D	7/00	424	A 47 C	27/08	164	B 25 F	1/00		D 21 H	17/00						
10.1-10.2	A 47 C	17/00	425-430	A 47 C	21/08	165	B 25 B	15/00		D 21 H	21/00						
	A 47 D	7/04	425	A 47 D	7/00	166	B 66 F	15/00		D 21 H	23/00						
11	A 47 C	31/00	482-487	A 47 G	9/00	167-168	B 25 G			D 21 H	25/00						
12.1-12.2	A 47 C	17/00	482	A 47 C	31/10	167	B 25 F	1/02		D 06 M	13/00						
13-17	A 47 C	17/02	488-489	A 47 C	21/02	168	B 25 F	1/04		D 06 M	11/00						
13-50	A 47 C	17/04	490	A 47 G	9/02	169-170	B 25 F	1/00		D 06 M	13/184						
19-23	A 47 C	17/02	491-493	A 47 C	21/00					D 06 M	13/224						
40	A 47 C	23/00	494-496	A 47 G	9/02					D 06 M	13/00						
51.1-59.1	A 47 C	17/00	497	A 47 G	9/04					D 06 M	23/00						
		7/10	498	A 47 C	21/02					D 06 M	13/244						
81.1C	A 61 G	1/003	499-500	A 47 C	31/00					D 06 M	11/38						
	A 61 G	7/00	501-502	A 47 G	9/00					D 06 M	11/00						