

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 12--Con.																	
146R	A 43 B	23/02		A 47 L	13/00	142	A 47 L	23/24	230.12-230.13	B 24 D	13/08		A 47 L	9/00			
	A 43 D	11/00	40-48.2	D 06 G	1/00		A 47 L	25/00	230.14	B 24 D	13/04		B 08 B	5/00			
			40	D 06 G		143.1-144.4	A 47 L	13/00	230.15	B 24 D	13/08		D 06 G	1/00			
146S	A 43 D	31/00	41.1-48.2	A 47 L	11/32		B 25 G	1/00	230.16	B 24 D	13/14	313-315	B 60 S	1/54			
146W	A 43 B	15/00	49.1-52	A 47 L	11/00	143.1-146	A 46 B	5/02	230.17	A 47 L	11/164		B 60 S	1/64			
147A	A 43 B	21/06	51-52.2	A 47 L	13/00	145-146	A 47 K		230.18	B 24 D	13/14	313-318.1	A 47 L	15/00			
147B	A 43 D	25/12	53.1-53.4	B 60 S	3/00		B 25 G		230.19	B 24 D	13/08		A 47 L	5/38			
147R	A 43 D	25/00	54-55	B 61 F	19/00	145	A 46 B	5/00	231	A 47 L	13/46	316.1-318.1	F 23 J	3/02			
	A 43 D	33/00		E 01 H	8/00	146	A 46 B	17/02	232-233	A 47 L	1/06	316.1	D 06 G	1/00			
148	A 43 D	25/00	56-76	B 08 B	9/20	147.1-154.2	A 47 L	13/20	234-235	A 47 L	13/38	318.1	D 06 G	1/00			
			56	A 47 L	15/00	154.2	A 47 L	13/502	235.3	E 04 G	21/20	319	A 47 L	5/00			
			57-58	B 08 B	9/46	159.1-161	A 46 B		235.4-235.8	E 01 C	19/12	320-322	A 47 L	7/00			
			59-77	A 47 L	15/00	159.1	A 46 B	5/00	235.4-241	B 05 C	17/10	323-339	A 47 L	9/00			
			77	A 47 L	25/00	160	A 46 B	9/02	236.01-241	A 47 L	13/02	323-340.4	A 47 L	5/00			
			78-87	E 01 H	1/02	161	A 47 L	23/22		A 47 L	17/06	339	A 47 L	7/00			
				E 01 H	1/04	164-165	A 46 B	5/00		A 47 L	23/22		B 08 B	5/00			
				A 47 L	15/00	164-166	A 46 B		244.1-244.3	A 47 L	13/46	340.1-340.4	E 01 H	1/08			
				A 47 L	25/00	166	A 46 B	17/08	244.1-244.4	A 47 K	7/02	341-343	A 47 L	5/02			
				A 47 L	11/36	167.1-167.2	A 46 B	9/04	244.4	A 47 L	21/00	344	A 47 L	5/24			
				A 01 K	31/04	167.3-205	A 46 B		245	A 47 L	1/06	345-346	A 47 L	5/14			
				B 08 B	9/38	167.3	A 45 D	29/17	245.1	B 05 C	17/10	347-353	A 47 L	9/10			
				B 23 D	79/02		A 46 B	9/08		B 05 C			A 47 L	9/20			
				C 10 B	43/04	168-170	A 46 B	3/08	246	A 47 L	1/00	354-361	A 47 L	5/34			
				A 47 L	13/502	171	A 46 B	5/00		B 60 S	1/00	362-382	A 47 L	5/00			
				A 47 L		172	A 46 B	5/00	246.2-246.4	A 47 L	5/00	363-382	A 47 L	9/04			
				B 08 B		173	A 46 B	3/08		A 47 L	5/00		A 47 L	9/06			
				F 28 G	7/00	174	A 46 B	3/10		A 47 L	7/00	383-392	A 47 L	5/10			
				B 08 B	9/20	175	A 46 B	3/08	246.5	F 22 B	37/48		A 47 L	5/26			
				A 47 L	1/02	176.1-176.2	A 46 B	7/04	247	A 46 B	17/04	393-403	A 47 L	9/06			
				A 47 L	11/02	176.4-176.6	A 46 B	7/04		A 47 L	13/44	393-408	A 47 L	5/00			
				B 67 C		177-178	A 46 B	3/08	248.1-248.2	A 46 B	17/00	406-408	F 23 J				
				G 03 D	5/06	179-183	A 46 B	13/00	249.1-249.3	F 23 J	3/00	406	B 08 B	9/02			
				G 11 B	23/50	184	A 46 B	7/02	250.001-250.003	B 08 B		407	B 02 C	18/34			
				A 47 L	23/02	185	A 46 B	5/00	250.001-250.19	A 47 L	1/00	408	F 04 F	5/46			
				B 60 S	3/06	186	A 46 B	7/00		B 60 S	1/02	409	A 47 L	5/16			
				A 47 L	11/162	187	A 46 B	1/00	250.001	B 60 S	1/04	410-411	A 47 L	9/00			
				A 47 L	11/29	188	A 46 B	9/04	250.002	B 60 S	1/60	412-413	A 47 L	11/00			
				G 03 D	15/00	189	A 46 B	3/18	250.003	B 60 R	1/06		A 47 L	13/00			
				A 47 L	15/00	190	A 46 B	3/16	250.201-250.34	A 47 L	1/00		A 63 B	47/04			
				H 01 L	21/00	191.1	A 46 D	3/00		B 60 S	1/02		A 63 D	5/10			
				E 01 C	23/20	192-194	A 46 B	15/00	250.351-250.352	A 47 L	1/00	412	A 47 L	9/22			
				A 47 L	13/00	195-196	A 46 B	3/16		B 60 S	1/02		A 47 L	9/28			
				A 47 L	25/00	197	A 46 B	9/06	250.361-250.41	A 47 L	1/00	414-422.2	A 47 L	9/02			
				F 23 J		198	A 46 B	13/00		B 60 S	1/02	423	B 43 K	13/00			
				H 01 T	21/04	199	A 46 B	3/16	250.43-250.48	A 47 L	1/00		B 43 K	5/00			
				F 02 B	77/04	200	A 46 B	7/10		B 60 S	1/02	424-426	B 43 L	19/00			
				F 23 J	3/00	201	A 46 B	7/06	256.5-256.6	A 46 B	15/00	427-432	B 43 K	29/02			
				F 28 G	1/00	202	A 46 B	15/00		B 21 B	45/02	433-434	B 43 L	19/00			
				B 08 B	9/00	203	A 46 B	7/02		B 60 S	1/28	435	B 43 K	3/00			
				B 08 B	1/00	204	A 46 B	3/12	257.01	A 46 B	17/00	436	B 43 K	3/04			
				B 08 B	7/00	205	A 46 B	3/18		A 47 G	29/08	437-444	B 43 K	3/00			
				F 16 L	45/00	205.2	A 46 B	11/00		A 47 L	23/14	445-446	B 43 K	1/00			
				F 16 L	55/00	206-207	A 46 B	3/18		A 47 L	25/00	447	B 43 K	1/02			
				B 08 B	9/04	206-207.2	A 46 B		257.05-257.06	A 47 L	13/56						
				F 23 J	3/00	207.2	A 46 D	1/00		B 43 L							
				B 08 B	1/00	208-219	A 47 K	7/02	257.07	B 44 D	3/12						
				B 08 B	7/00		A 47 L	1/06	257.072	B 43 L	25/04						
				B 08 B	9/00		A 47 L	13/10	257.073-257.076	B 43 L	25/00						
				F 16 L	45/00		A 47 L	23/04	257.1-257.9	A 47 L	13/52						
				F 28 G	3/00	208	A 47 L	17/08	258-259	A 47 L	23/28						
				B 08 B	1/00	210.5-219	A 47 L	17/08	260-263	A 47 L	13/14						
				B 08 B	7/00	220.1-220.2	A 47 L	1/00		A 47 L	13/58						
				B 08 B	9/02	220.3	A 47 L	1/15	264	A 47 J	47/18						
				F 16 L	45/00		A 47 L	4/00		A 47 L	13/50						
				F 16 L	55/00	220.4-228	A 47 L	25/00		A 47 L	17/00						
				B 08 B	1/00	220.4	F 01 M	11/12	265-267	A 47 L	23/16						
				B 08 B	7/00	220.4	A 47 L	13/10		A 47 L	23/18						
				B 08 B	9/02	221-228	A 47 L	17/08	268	A 46 B	17/02						
				A 45 D	24/44		A 47 L	23/04		A 47 L	13/54						
				A 46 B	17/08		A 47 L	21/00		A 47 L	21/06						
				A 47 L	13/42	221-229.1	A 47 K	7/02		B 08 B	9/20						
				B 08 B	9/08		A 47 L	1/06		B 08 B	9/46						
				B 08 B	9/20	229.1	A 47 L	13/20	300.1	A 47 L	5/00						
				B 08 B	1/00		A 47 L	17/00		A 47 L	9/00						
				A 47 L	15/00	229.11-229.13	A 47 L	13/10		B 08 B	5/00						
				E 04 F	21/165		A 47 L	17/08		D 06 G	1/00						
				B 25 F	1/00	229.14	A 45 D	33/34		A 47 L	15/00						
				B 43 L	19/00		A 45 D		301-305	A 47 L	5/38						
				B 26 B	11/00	229.2-229.4	A 47 L	13/20		A 47 L	5/00						
				A 47 L	13/00	229.2-229.9											