

# 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 313--Con.</b>																	
356-357	H 01 J	19/00	569	H 01 K	1/50	112	H 05 B	31/18	84	B 60 Q	7/00				H 05 B	41/36	
358	F 21 K	2/08	570-577	H 01 J	17/20	113-128	H 05 B	31/22	84.51-84.61	H 01 J	17/36	209R			H 05 B	37/02	
	H 01 J			H 01 J	61/12	129	H 05 B	31/02	85	H 01 J	1/52				H 05 B	39/02	
	H 01 K		578-579	H 01 K	1/50	130	H 05 B	31/18		H 01 J	5/02				H 05 B	39/04	
359.1	F 03 H	1/00	580	H 01 K	1/00	131	H 05 B	31/30	86	H 05 B	37/00				H 05 B	41/36	
	H 05 H		581	H 01 J	17/00		H 05 B	31/32		H 05 B	41/14	209SC			F 02 P	7/03	
360.1	H 01 J	5/06		H 01 J	61/00	132-134	H 05 B	31/18	87-93	H 05 B	39/10				H 05 B	37/02	
	H 05 H		582-587	H 01 J	11/00	135	G 05 F	1/02		H 05 B	41/46				H 05 B	39/04	
361.1	H 01 J	27/02		H 01 J	11/10	136	B 23 K	9/12	94-99	H 05 B	39/00				H 05 B	41/16	
	H 05 H			H 01 J	17/49		H 05 B			H 05 B	41/14				H 05 B	41/36	
362.1	H 01 J	27/26	588	H 01 J	17/00				100	H 05 B	39/04	209T			F 02 P	15/00	
	H 05 H		589	H 01 J	17/48					H 05 B	41/36				F 02 P	3/04	
363.1	H 01 J	27/02	590	H 01 J	17/00	<b>U.S. CLASS 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS</b>											
	H 05 H			H 01 J	61/00	1	H 01 J	23/34	101-103	H 05 B	39/00				H 05 B	37/02	
364	H 01 J	29/00	591	H 01 J	17/50		H 01 J	29/98	104	H 05 B	39/04				H 05 B	41/00	
365-390	H 01 J	31/00	592-593	H 01 J	17/54	3	H 01 J	23/16	105	H 05 B	39/00	210-226			H 05 B	41/36	
	H 01 J	31/26	594	H 01 J	17/44		H 01 J	29/96	106-107	H 05 B	39/04				H 05 B	39/04	
391-401	H 01 J	31/48	595-603	H 01 J	61/54	3.5-3.6	H 01 J	25/34	108-110	H 01 J	13/28	227A			B 23 H	1/02	
402-408	H 01 J	29/80		H 01 J	17/30	4-5	H 01 J	25/00		H 01 J	17/22				B 23 K	9/00	
409-417	H 01 J	29/50		H 01 J	17/46	5.11-5.12	H 01 J	25/02	111.01-111.91	H 01 J	7/24				H 05 B	37/00	
418-419	H 01 J	31/02	604	H 01 J	17/00	5.13	H 01 J	25/50		H 05 B	31/26				H 05 B	41/14	
420	H 01 J	33/00		H 01 J	17/00	5.14-5.17	H 01 J	25/02	112-114	H 01 J	13/32	227R			H 05 B	37/00	
421-431	H 01 J	29/70		H 01 J	17/42	5.18-5.28	H 01 J	25/22		H 01 J	17/28				H 05 B	39/00	
432-439	H 01 J	29/74	605-606	H 01 J	17/00	5.29	H 01 J	25/12		H 01 J	19/74				H 05 B	41/14	
440	H 01 J	29/70		H 01 J	61/00	5.31	H 01 J	25/14	115-116	H 01 J	13/32	228-245			H 05 B	37/00	
441-460	H 01 J	29/46	607	H 01 J	11/00	5.32	H 01 J	25/18		H 01 J	61/52				H 05 B	39/00	
461-463	H 01 J	29/10		H 01 J	61/06	5.33	H 01 J	25/02		H 01 J	7/24	246-287			H 05 B	41/14	
464	H 01 J	29/16		H 01 J	65/00	5.34-5.35	H 01 J	23/08	117-118	H 01 J	13/32				H 05 B	41/24	
465	H 01 J	29/12	608	H 01 J	11/00	5.36-5.37	H 01 J	23/18		H 01 J	17/28	288-290			H 05 B	37/00	
466-476	H 01 J	29/10		H 01 J	17/00	5.38	H 01 J	23/02		H 01 J	19/74				H 05 B	39/00	
477HC	H 01 J	29/92		H 01 J	61/06	5.39-5.49	H 01 J	25/10		H 01 J	61/52				H 05 B	41/14	
477R	H 01 J	29/86	609-616	H 01 J	17/02	5.51-5.54	H 01 J	23/20		H 01 J	7/24	291-311			G 05 F	1/00	
	H 01 J	29/92		H 01 J	61/02	7	H 01 J	25/00	119-128	H 05 B	37/00				H 05 B	37/02	
478	H 01 J	29/89	617	H 01 J	17/30	8	H 01 J	29/06		H 05 B	41/00				H 05 B	39/04	
479	H 01 J	29/88		H 01 J	61/54	8.51	H 01 J	31/06	129-136	H 01 J	1/60				H 05 B	41/36	
480	H 01 J	29/86	618	H 01 J	17/06	8.61	H 01 J	31/60		H 01 J	7/42	312-325			H 05 B	37/00	
481	H 01 J	29/94		H 01 J	61/09	9	H 01 J	29/98		H 05 B	37/04				H 05 B	39/00	
482	H 01 J	29/82		H 01 J	17/00	10	H 01 J	31/26	137-148	H 05 B	41/16				H 05 B	41/00	
483-512	H 01 J	1/62	620-622	H 01 J	17/04	11	H 01 J	31/48		H 05 B	41/24	326-358			H 01 J	11/10	
	H 01 J	63/04		H 01 J	61/04	11.5	G 09 G	1/28	149-159	H 05 B	37/02				H 01 J	13/48	
513	A 01 K	7/00	623-625	H 01 J	17/18	12.1	H 01 J	29/41		H 05 B	39/04				H 01 J	15/04	
	H 01 J			H 01 J	61/36	13.1-13.11	H 01 J	29/56	160-168	H 05 B	37/00				H 01 J	17/36	
514-521	H 01 J	17/00		H 01 J	17/02	14-16	H 01 J	29/46		H 05 B	39/00				H 05 B	37/00	
522	H 01 J	19/00	626	H 01 J	17/02	17	H 01 J	29/56	169.1-169.4	G 09 G	3/10				H 05 B	39/00	
	H 01 J	21/00		H 01 J	61/02	18	H 01 J	29/70	170-177	H 05 B	37/00				H 05 B	41/00	
523-524	H 01 J	40/00	627-628	H 01 J	17/04	30	H 01 J	29/52		H 05 B	39/00	359			H 01 K	13/00	
	H 01 J	40/16		H 01 J	61/06	32-33	H 01 J	13/46		H 05 B	35/00				H 05 B	39/00	
525-530	H 01 J	31/50	629-630	H 01 J	17/06		H 01 J	17/34	178-183	H 05 B	37/00	360-361			H 05 B	37/02	
	H 01 J	40/18		H 01 J	61/06	34	H 01 K	1/62		H 05 B	39/00				H 05 B	39/04	
531	H 01 J	40/16	631-633	H 01 J	17/04	35-38	H 01 J	13/46	184-185	H 05 B	41/00				H 05 B	41/36	
532	H 01 J	43/04		H 01 J	61/04		H 01 J	17/34		H 05 B	39/00				H 05 B	37/02	
533	H 01 J	43/18	634	H 01 J	17/16		H 01 J	19/78		H 05 B	39/00	362			H 05 B	37/02	
534-535	H 01 J	43/20		H 01 J	61/30		H 01 J	29/96		H 05 B	39/00				H 05 B	39/06	
536	H 01 J	43/20	635	H 01 J	17/16		H 01 J	7/44	186-193	H 05 B	37/00	364			H 05 B	41/04	
	H 01 J	43/26		H 01 J	61/35		H 01 K	1/62		H 05 B	41/00				H 05 B	41/18	
537	H 01 J	40/00	636	H 01 J	17/16	39	H 01 J	19/80	185S	F 21 S	4/00				H 05 B	41/18	
	H 01 J	40/16		H 01 J	61/30	39.3	H 01 J	25/34		H 05 B	37/00	363			H 05 B	37/00	
538	H 01 J	40/10	637	H 01 J	17/20	39.51	H 01 J	25/50		H 05 B	39/00				H 05 B	39/00	
539-540	H 01 J	40/00		H 01 J	61/12	39.53	H 01 J	23/36		H 05 B	39/09				H 05 B	41/00	
	H 01 J	40/16	638	H 01 J	17/20		H 01 J	25/50	194-199	G 05 F	1/00	365			G 05 F	3/153	
541	H 01 J	40/16		H 01 J	61/18		H 01 J	7/46		H 05 B	37/02				G 09 G	1/04	
542	H 01 J	40/06	639-642	H 01 J	17/20		H 01 J	19/78		H 05 B	39/04				G 09 G	1/22	
543	H 01 J	40/06		H 01 J	61/20		H 01 J	17/34		H 05 B	41/36	366-367			H 01 J	31/16	
	H 01 J	40/18	643	H 01 J	17/20		H 01 J	19/78		H 05 B	41/00				H 01 J	29/70	
544	H 01 J	40/06		H 01 J	61/16		H 01 J	23/16		H 05 B	39/00				H 01 J	29/72	
545-547	H 01 J	17/22		H 01 J			H 01 J	29/96		H 05 B	41/00				H 01 J	29/72	
	H 01 J	19/70	<b>U.S. CLASS 314 ELECTRIC LAMP AND DISCHARGE DEVICES: CONSUMABLE ELECTRODES</b>														
	H 01 J	61/24					H 01 K	1/62		H 05 B	37/02				G 09 G	1/04	
	H 01 K	1/52	1-6	H 05 B	41/46		H 01 J	19/80		H 05 B	39/04				G 09 G	1/22	
548	H 01 K	1/54	7	H 05 B	41/14		H 01 J	7/46	200A	H 05 B	41/36				H 01 J	31/16	
549	H 01 J	17/24	8	H 05 B	31/34		H 01 J	25/34		H 05 B	37/00	368-367			G 09 G	1/04	
	H 01 J	19/70	9	H 05 B	31/26	39.55-39.63	H 01 J	25/50		H 05 B	39/00				H 01 J	29/70	
	H 01 J	61/26	10-19	H 05 B	41/14		H 01 J	25/50		H 05 B	41/14				H 01 J	29/72	
550-551	H 01 J	17/26	20	H 05 B	31/28	39.65											