

CONCORDANCE - United States to International Patent Classification

U.S. Subclass			IPC Subclass			U.S. Subclass			IPC Subclass			U.S. Subclass			IPC Subclass			U.S. Subclass			IPC Subclass		
U.S. Subclass	IPC Subclass	Notation	U.S. Subclass	IPC Subclass	Notation	U.S. Subclass	IPC Subclass	Notation	U.S. Subclass	IPC Subclass	Notation	U.S. Subclass	IPC Subclass	Notation	U.S. Subclass	IPC Subclass	Notation	U.S. Subclass	IPC Subclass	Notation	U.S. Subclass	IPC Subclass	Notation
U.S. CLASS 235--Con.																							
200WB	F 15 C	3/14	462.15	G 06 F	17/00		G 05 D	23/275		F 28 F	27/00							78A	F 16 K	15/00			
	G 06 D			G 06 F	19/00	1EA	F 04 B	41/06		E 04 H	4/12								F 16 K	37/00			
	G 06 G	3/00		G 06 K	7/10		F 24 F	11/00		F 23 N	1/08								F 24 D	19/10			
	G 06 G	5/00	462.16	G 06 K	19/06		F 25 B	49/02		F 24 H	9/20							78B	B 60 H	1/00			
201FS	F 15 C	1/00		G 06 K	7/10	1EB	B 60 H	1/22		F 23 N	1/00								G 05 D	23/19			
	F 15 C	4/00	462.17	G 06 K	7/10		F 23 N	1/00		F 23 N	1/08								G 05 D	23/24			
	F 42 C	15/22		G 06 K	9/00		F 24 D	12/02		F 24 H	9/20								F 24 F	11/053			
201ME	F 15 C	3/02	462.18-462.19	G 11 B	5/09	1F	F 23 L	11/02			35/00								G 05 B	11/06			
	F 15 C	3/04		G 11 B	7/10		F 23 N	3/08			15/00								G 05 D	23/275			
	F 15 C	3/06	462.2-462.21	G 06 K	7/10		F 24 H	9/20			35/00								G 05 D	23/19			
201PF	F 15 C	1/00		G 06 K	9/24	1G	F 23 L	11/00		F 22 B	23/12								G 05 D	23/24			
	F 15 C	1/12	462.22	G 02 B	26/08		F 23 L	13/02		F 22 B	35/00								G 05 D	23/275			
	F 15 C	1/14		G 06 K	7/10		F 23 N	3/04		G 05 D	23/02								G 05 D	23/00			
201R	G 06 M	1/12	462.23	G 03 B	3/10	1H	F 23 N	5/06		F 01 P	7/02							79-84	G 05 D	15/00			
375	G 06 F	17/00		G 06 K	7/10		F 23 N	5/10		F 01 P	7/10								G 05 D	23/00			
376	G 06 F	7/00	462.24	G 03 B	7/08		G 05 D	23/12		F 28 F	27/00								G 01 K	3/08			
377	G 06 K	7/10		G 06 K	5/00	1R	F 23 N			F 24 F	11/04								G 01 K	7/00			
378	G 06 K	15/00		G 06 K	7/10		G 05 D	23/00		F 28 F	27/00								G 05 D	23/24			
379	G 06 Q	40/00		G 06 K	7/14	2	A 01 K	41/00		F 16 T	1/00								F 23 N	5/00			
	G 07 D	11/00	462.25	G 02 B	26/10	3	A 01 G	23/10		F 24 F	11/00								B 60 H	1/00			
	G 07 F	19/00		G 06 K	19/06		A 01 K	41/00		F 24 F	11/00								B 60 H	1/32			
380	G 06 K	5/00		G 06 K	7/10	4-5	A 01 K	41/00		F 16 T	1/00								G 05 D	23/19			
381	G 06 F	7/08		G 06 K	9/22	6	A 01 K	31/18		F 24 F	11/00								B 64 D	13/00			
382	G 06 K	5/00	462.26	G 06 K	7/10	7	D 06 F	75/00		F 24 F	11/00								F 24 D	19/10			
382.5	G 06 K	7/01	462.27	G 06 K	7/10	8	F 23 N	3/00		F 24 F	11/00								G 05 D	23/185			
383	G 06 K	15/00		G 06 K	9/38		G 05 D	23/00		F 24 F	3/14								A 01 K	1/00			
384	G 07 B	15/02	462.28	G 06 F	7/10	9A	F 23 N			G 05 D	22/02								G 05 K	23/19			
385	G 06 F	19/00		H 03 K	3/00		F 24 D	19/10		F 24 F	11/00								G 05 D	23/24			
	G 06 Q	30/00	462.29	G 06 K	7/10		F 24 H	9/20		F 24 F	11/08								B 60 H	1/00			
	G 06 Q	90/00		H 03 G	3/32		G 05 D	23/275		F 24 F	3/14								G 05 D	23/19			
386	G 06 K	17/00	462.3	G 06 K	7/10		F 23 N	5/10		F 24 F	11/00								G 05 D	23/24			
	G 07 C	13/00		H 02 P	1/00	9R	F 23 N			F 24 F	3/14								F 24 D	19/10			
400-418	G 06 F	19/00	462.31	G 06 K	7/10		F 24 H	9/20		G 05 D	22/02								G 05 D	23/24			
	G 06 G	7/80	462.32	G 02 B	5/00		G 05 D	23/275		F 24 F	3/14								H 01 H	37/12			
419	G 06 C	15/00		G 06 K	7/10	10-11	F 23 N			G 01 N	27/22								F 24 D	19/10			
	G 06 F	3/08	462.33	G 06 K	7/10		F 24 H	9/20		G 05 D	23/24								G 05 D	23/24			
420	G 06 C	21/00		G 06 K	9/24	12.1	G 05 D	23/13		B 01 F	3/02								G 05 D	23/275			
	G 06 F	7/52		H 04 N	3/02	12.11	G 05 D	23/185		G 05 D	21/00								G 05 D	16/06			
	G 06 F	9/00	462.34	G 02 B	5/32	12.12	G 05 D	23/13		F 23 N	3/00								G 05 D	23/02			
421	G 06 C	15/08		G 06 K	7/10	12.13	G 05 D	23/12		A 01 K	1/00								G 05 D	23/12			
	G 06 F	7/44	462.35-462.36	G 02 B	26/00	12.14-12.23	G 05 D	23/13		F 23 N	5/20								F 25 B	41/04			
	G 06 F	7/52		G 02 B	5/08		G 05 D	23/00		G 05 D	23/19								F 25 B	41/06			
422	G 06 C	15/08		G 06 K	7/10	14	F 23 N	1/08		F 23 K	1/00								G 05 D	23/12			
	G 06 F	7/44	462.37-462.38	G 02 B	26/00	15A	F 24 C	3/12		F 23 N	1/00								F 16 K	17/00			
423	G 06 C	15/04		G 06 K	7/10		G 05 D	23/02		F 24 H	9/20								G 05 D	23/02			
	G 06 F	7/42	462.39	G 02 B	26/12		G 05 D	23/08		G 05 D	23/19								F 02 M	1/00			
	G 06 F	7/50		G 06 K	7/10	15BA	F 23 K	3/00		H 04 Q	9/06								G 05 D	23/12			
424	G 06 C	9/00	462.4	G 02 B	26/00	15BB	B 01 J	19/00		F 23 N	5/02								F 25 B	41/06			
425	G 06 F	7/08		G 06 K	7/10		G 05 D	23/22		G 05 D	23/12								G 05 D	23/12			
426	G 06 F	7/40	462.41	G 06 K	15/12		B 22 D	2/00		G 05 D	23/32								G 05 D	23/185			
427-428	G 06 F	7/46		G 06 K	7/10	15BC	B 22 D	2/00		F 23 N	1/00								G 05 D	23/02			
429	G 06 F	5/00	462.42-462.44	G 06 K	7/10		C 21 D	9/56		F 23 N	5/20								G 05 D	23/12			
430	G 06 C	9/00	462.45	G 06 K	7/10		G 05 D	23/19		G 05 D	23/20								G 05 D	23/13			
431	G 06 F	11/10		G 06 K	9/22	15BD	F 23 C	3/00		F 23 N	5/20								F 16 K	17/38			
	G 06 F	7/02	462.46-468	G 06 K	7/10		F 23 K	3/02		G 05 D	23/00								F 16 K	31/00			
432	G 06 F	15/12	469	G 06 K	7/12		F 23 N	1/02		G 05 D	23/00								G 05 D	23/02			
	G 06 F	3/12	470-473	G 06 K	7/10	15BE	F 24 H	9/20		F 16 K	31/02								G 05 D	23/02			
433	G 06 C	11/10	474	G 06 K	7/016	15BF	F 23 N	1/00		G 05 D	23/02								G 05 D	23/08			
	G 06 C	11/12	475-477	G 06 K	13/00		G 05 D	23/19		G 05 D	23/275								G 05 D	23/12			
434	G 06 C	11/08	478	G 06 K	13/107		G 05 D	23/22		G 05 D	23/02								G 05 D	23/00			
	G 06 F	15/12	479	G 06 K	13/04	15BG	F 23 N	5/20		G 05 D	23/10								F 23 N	1/00			
435-436	G 06 K	7/00	480	G 06 K	13/08		G 05 D	23/27		G 05 D	23/12								F 23 N	5/06			
437	G 06 K	5/00	481	G 06 K	13/077	15BR	C 21 B	7/24		F 24 F	7/00								F 23 N	1/00			
438-440	G 06 K	7/00		G 06 K	13/30		F 23 N	3/00		G 05 D	23/00								F 23 N	5/04			
441-443	G 06 K	7/06	482	G 06 K	13/00		F 23 N	5/24		G 05 D	15/00								G 05 D	23/00			
444-448	G 06 K	7/04	483-484	G 06 K	13/06	15C	F 23 N	1/02		F 16 T	1/02								G 05 D	23/01			
449-451	G 06 K	7/08		G 06 K	13/24		F 23 N	3/02		F 16 T	1/20								G 05 D	23/275			
452	G 06 K	7/02	485	G 06 K	13/00		F 23 N	3/08		F 16 T	1/02								H 01 H	35/26			
453	G 06 K	7/00	486	G 06 K	7/00	15E	F 23 N	1/02		F 16 T	1/04								G 05 D	23/01			
454	G 06 K	7/10	487	G 06 K	19/00		F 23 N	5/00		F 16 T	1/08								H 05 B	1/02			
	G 06 K	7/14	488	G 06 K	19/02		G 05 D	21/02		F 16 T	1/06								G 05 B	9/05			
455-462.01	G 06 K	7/10	489	G 06 K	21/00	15R	F 23 N	1/00		F 16 K	24/00								G 05 D	23/02			
462.02-462.03	G																						

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U.S. CLASS 237--Con.													
1R	F 24 D F 24 F F 24 J	66 67-68 69	F 24 D F 24 D F 24 D	3 / 10 1 / 00 19 / 02	74 75	B 67 D A 62 C	7 / 56 37 / 00	239 240-241	B 05 B B 05 B	3 / 16 3 / 04	354 355-363	B 05 B A 62 C	7 / 30 11 / 00
1SL	F 24 D F 24 J	70-74	F 24 H F 24 H	5 / 10 9 / 06	76 77-78	B 05 B B 05 B	12 / 10 15 / 00	242 243-249	B 05 B B 05 B	3 / 16 3 / 00	364-371 372	B 05 B A 61 M A 62 C	11 / 06 11 / 02 13 / 62
2A	B 60 H B 60 H B 60 H	75 76-77	F 24 H F 24 H	3 / 00 7 / 00	79-85	B 05 B B 05 B	9 / 06 1 / 24	263	B 05 B B 05 B	3 / 04 3 / 16	373	A 62 C A 61 M	13 / 66 11 / 02
2B	F 24 D F 25 B G 05 D	78A 78B	F 24 H F 24 F	3 / 00 19 / 00	86	B 05 C F 02 M	5 / 04 55 / 00	263.1-265 265.11	B 05 B B 63 H B 64 D	3 / 00 11 / 00 33 / 04	374-378 379	A 01 G A 01 G B 05 B	9 / 04 25 / 14 9 / 00
2R	F 24 D F 24 D F 24 H	78C-78R 79	F 24 F F 24 F	3 / 14 5 / 00	87	B 29 C F 02 M	45 / 20 49 / 02	265.13-265.15 265.17	B 64 D B 63 H	33 / 04 25 / 46	380 381	B 05 B B 05 B	1 / 34 3 / 04
3-4	A 01 K A 01 K	80 81	E 03 B F 24 D	7 / 10 1 / 00	88-92 93-95	F 02 M F 02 M	47 / 02 45 / 10	265.19	B 63 H B 64 C	11 / 10 15 / 00	382	B 05 B B 05 B	3 / 16 3 / 16
5-6	B 60 H B 61 D F 24 H		F 24 D		96 97-98	F 02 M B 05 B	41 / 16 3 / 00	265.23 265.25-265.35	B 63 H B 05 B	25 / 46 12 / 00	383-389 390-397	B 05 B A 62 C	1 / 34 31 / 02
7	B 60 H		F 24 D		99 100	B 05 B B 05 B	1 / 08 9 / 06	265.37	B 05 B B 64 C	12 / 00 9 / 38	397.5 398	B 05 B A 62 C	15 / 00 31 / 00
8A	B 60 H B 60 H F 24 D	U.S. CLASS 238 RAILWAYS: SURFACE TRACK			101 102.1-102.2	B 05 B B 05 B	1 / 08 3 / 04	265.39-265.43 266-269	B 05 B A 01 G B 05 B	12 / 00 25 / 02 1 / 20		A 62 C B 05 B	5 / 00 7 / 04
8B	F 24 D	1-9	E 01 B	1 / 00	103-104 105	B 05 B B 05 B	1 / 28 1 / 28	270	A 62 B B 05 B	18 / 00 1 / 00		F 23 D F 23 D	11 / 40 14 / 62
8C	F 24 D F 24 D F 24 D	10 2-9	E 01 B E 01 B	21 / 00 25 / 28	106-119	B 05 B F 23 D	15 / 04 11 / 34	271	A 62 C A 01 G	31 / 22 25 / 02	399-406 407-413	B 05 B F 23 D	7 / 10 11 / 46
8D	E 04 H F 24 D F 24 H		E 01 C	9 / 00		F 23 D	11 / 38	272	A 62 C		414-415	F 23 D	14 / 60
8R	F 24 D F 24 D	14.05-14.1 14.05-14.15	B 60 M B 60 M	5 / 00 11 / 54	120-122 123	B 05 B B 05 B	1 / 28 15 / 02	273 274	B 05 B A 62 C	15 / 06 31 / 28	416-417.5 418	B 05 B F 23 D	7 / 12 11 / 10
9A	F 24 D F 24 D B 60 H	14.12-14.9 15-16 17-23	B 60 M E 01 B E 01 B	5 / 00 5 / 00 5 / 18	124-127 127.1-127.3	F 23 D B 64 D	14 / 50 9 / 00 33 / 04	275 276 279	B 05 B A 62 C B 05 B	15 / 06 31 / 22 15 / 06	419-420	F 23 D F 23 D	11 / 16 11 / 40
9B	B 60 H F 24 D F 24 C	17-23 24-120	E 01 B E 01 B	3 / 00 29 / 06	128	B 05 B B 05 B	1 / 24 7 / 16	280 280.5-283	A 62 C B 05 B	31 / 24 15 / 06	421	F 23 D F 23 D	11 / 10 11 / 40
9R	F 24 D F 24 D F 24 D	27-28 29-108	E 01 B E 01 B	7 / 22 21 / 04		B 05 C F 23 D	1 / 00 11 / 44	284.1-284.2	B 05 B B 60 S	1 / 10 1 / 46	422 423	F 23 D F 23 D	14 / 62 11 / 16
10	F 24 D	121-150	E 01 B	9 / 14	129-132.1 132.3-132.5	B 05 B B 05 B	1 / 24 15 / 00	285 288-288.5	B 05 B B 05 B	15 / 06 1 / 28	424-425.5 426	B 05 B B 05 B	7 / 06 7 / 08
11	F 24 D	151-263	E 01 B	11 / 00	133-134 135-136	B 05 B B 05 B	1 / 24 1 / 24	289	B 05 B B 05 B	15 / 00 17 / 00	427-428 428.5	B 05 B E 03 C	7 / 06 1 / 08
12	F 24 D F 24 D	264-286 287-309	E 01 B E 01 B	9 / 38 3 / 00	137-139 140-144	B 05 C B 05 B	1 / 00 9 / 00	290-301 302	B 05 B A 62 C	1 / 28 13 / 62	429-432 433-434.5	B 05 B B 05 B	7 / 06 7 / 04
12.1	B 60 H F 24 D F 24 D	310-378	E 01 B E 01 B	13 / 00 21 / 04	145 146	A 01 G A 01 G	27 / 00 25 / 09	303-304	A 62 C A 62 C	13 / 66 13 / 66	435 436-449	B 05 B A 62 C	15 / 00 31 / 00
12.2	B 60 H		E 01 B	9 / 00	147-149 150	B 05 B B 05 B	9 / 00 1 / 28	440	A 62 C A 62 C	35 / 58 9 / 03	450 451-460	B 05 B B 05 B	15 / 00 1 / 32
12.3A	B 60 H B 60 H	379-381 382	E 01 B E 01 B	15 / 00 19 / 00	151 152-154	B 05 B A 62 C	1 / 28 15 / 00	461	A 62 C A 62 C	31 / 00 13 / 66	462 463-497	B 05 B B 05 B	1 / 26 1 / 34
12.3B	B 60 H B 60 H	U.S. CLASS 239 FLUID SPRINKLING, SPRAYING, AND DIFFUSING			155-158 159	B 05 B B 05 B	9 / 06 1 / 20	305 306-307	A 62 C A 62 C	31 / 00 13 / 62	464 465-524	B 05 B B 05 B	1 / 14 1 / 34
12.3C	B 60 H B 60 H	1	A 01 G B 05 B	25 / 09 17 / 00	160-162 163-169	B 05 B B 05 B	3 / 02 3 / 14	308-309 310	A 62 C A 62 C	13 / 62 13 / 66	527-528	B 05 B F 23 D	9 / 01 14 / 60
12.3R	B 60 H F 24 J	2.1	A 01 G E 01 H	15 / 00 13 / 00	170 171	B 05 B B 05 B	1 / 16 1 / 18	311 312	A 62 C B 05 B	5 / 00 9 / 00	529-530 531-532	B 05 B B 05 B	9 / 08 15 / 06
12.4	B 61 D	2.2	F 25 C	3 / 04	172 173-174	A 01 G E 01 H	25 / 09 19 / 16	313 314-317	B 05 B B 05 B	7 / 32 7 / 26	533.1 533.11	B 05 B F 02 M	1 / 30 61 / 10
12.5-12.6	B 60 H B 61 D	3	A 01 G B 05 B	23 / 10 5 / 025	175 176	B 05 B B 05 B	9 / 00 1 / 20	319 320-324	B 05 B B 05 B	9 / 00 11 / 02	533.12 533.13-533.15	F 02 M B 05 B	61 / 00 1 / 30
12.7	B 61 D B 61 D	4 5	B 05 B F 02 D	17 / 04 1 / 06	193-194 195-198	B 05 B B 65 H	1 / 36 75 / 00	325 326	B 05 B B 05 B	9 / 047 7 / 14	533.2	F 02 M	59 / 00
12.8	F 24 D	6	A 61 L	9 / 04	200-201 202	A 01 G E 01 H	25 / 06 3 / 04	327 328	B 65 D B 01 D	1 / 32 17 / 00		F 02 M	39 / 00
14-15	A 01 K A 01 K	8-10 11-12	A 62 C B 05 B	5 / 02 17 / 04	203-205 206-208	B 05 B B 05 B	15 / 10 15 / 10	329-330 331	A 62 C A 62 C	11 / 00 11 / 00	533.3	F 02 M F 02 M	41 / 00 43 / 00
16-18	F 24 H F 24 D	13	B 05 B B 05 B	1 / 24 17 / 04	209 210	B 05 B B 05 B	15 / 06 15 / 06	332 333-334	B 05 B A 62 C	9 / 04 9 / 04		F 02 M	47 / 00
19	F 24 H B 60 H	14.1	A 01 G E 01 H	15 / 00 13 / 00	211 214-218.5	B 05 B B 05 B	3 / 00 1 / 00	337	B 05 B	9 / 043	533.4	F 02 M	61 / 06
28	B 61 D B 61 D	14.2	F 25 C	3 / 04	219-221 222-222.15	F 23 D F 23 D	11 / 04 3 / 02	338 339	A 62 C A 61 M	11 / 00 11 / 06	533.5	F 02 M F 02 M	45 / 00 59 / 20
29-33	B 60 H B 60 H	16 17	E 03 B B 05 B	9 / 20 17 / 08	223-224 225.1-229	B 05 B B 05 B	3 / 10 3 / 02	340 341-352	B 05 B B 05 B	7 / 04 13 / 62	536 537-541	B 05 B B 05 B	1 / 14 1 / 32
34-36	F 24 D F 24 D	18-20 21-23	F 21 S B 05 B	8 / 00 17 / 08	230	B 05 B	3 / 02	342 343	A 62 C B 05 B	13 / 66 7 / 30	542 543	B 05 B F 23 D	15 / 00 1 / 26
37-39	B 60 H B 61 D	24-32	E 03 B A 61 J	9 / 20 15 / 00	231-236 237-238	B 05 B B 05 B	3 / 14 3 / 08	353	B 05 B F 23 D	7 / 30 14 / 60	544-545 546-547	B 05 B B 05 B	1 / 26 15 / 00
40-41	B 60 H F 24 D	33	A 61 L A 24 F	9 / 04 25 / 00									
42-43	B 60 H B 61 D	61-62 63-65	B 05 B A 01 G	7 / 00 25 / 00									
44	B 60 H F 24 D		A 01 G A 01 G	25 / 00 27 / 00									
45	F 24 D		B 05 B	12 / 08									
46-49	F 24 F		B 05 B	17 / 04									
50-53	F 24 D		A 01 G	25 / 02									
54-55	F 24 B		A 01 G	27 / 00									
56-62	F 24 D		A 01 G	27 / 00									
63-64	F 24 D		B 67 D	7 / 08									
65	F 24 D												