

CONCORDANCE - United States to International Patent Classification

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| Subclass | Subclass | Notation | Subclass | Subclass | Notation | Subclass | Subclass | Notation | Subclass | Subclass | Notation | Subclass | Subclass | Notation | Subclass | Subclass | Notation |
| U.S. CLASS 164--Con. | | | | | | | | | | | | | | | | | |
| 158 | B 41 C | | 320 | B 22 C | 9/00 | 488-489 | B 22 D | 11/10 | 104.16 | F 28 D | 13/00 | 267-270 | F 28 D | | | | |
| | B 41 D | | 321 | B 22 D | 17/00 | 490 | B 22 D | 11/00 | 104.17-104.34 | F 28 D | 15/00 | | F 28 F | 13/00 | | | |
| 159 | B 22 C | | 322-323 | B 22 C | 9/20 | 491 | B 22 D | 11/10 | 108 | F 28 F | 13/06 | 267 | F 25 D | 23/12 | | | |
| | B 22 D | 7/10 | | B 22 D | 5/00 | 492-514 | B 22 D | 27/02 | 109.1 | F 28 F | 13/12 | 268 | C 12 Q | 1/68 | | | |
| 160.1-160.2 | B 22 C | 9/12 | 324-328 | B 22 D | 5/02 | 502-509 | B 22 D | 11/00 | 110 | F 28 B | 1/00 | 269 | G 05 D | 23/19 | | | |
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| 164 | B 22 C | 13/04 | | B 22 D | 19/00 | 516 | B 22 C | 9/00 | 115-116 | F 28 D | | 272-278 | F 28 F | 27/00 | | | |
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| 167-168 | B 22 D | 47/02 | | B 22 D | 41/05 | | B 22 C | 11/00 | 115 | F 28 D | 5/02 | | G 05 D | 16/00 | | | |
| 169 | B 22 C | 15/00 | 336 | B 22 D | 41/04 | 518-519 | B 22 C | 1/02 | 116 | B 01 D | 5/00 | 279-300 | G 05 D | 23/00 | | | |
| 170-171 | B 22 C | 15/08 | 337 | B 22 D | 37/00 | 518 | B 22 C | 9/12 | 117 | F 28 D | 3/02 | 301-302 | F 28 F | 27/00 | | | |
| 172 | B 22 C | 15/00 | | B 22 D | 39/00 | 519 | B 22 C | 9/00 | 118 | F 28 D | 3/00 | | G 05 D | 9/00 | | | |
| 173 | B 22 C | 15/08 | | B 22 D | 41/00 | 520-521 | B 22 C | 9/12 | 119 | F 28 F | 13/12 | 303 | F 24 B | 13/00 | | | |
| 174 | B 22 C | 13/16 | 338.1-338.2 | B 22 D | 27/04 | 520 | B 22 C | 1/00 | | F 28 F | 19/00 | | F 28 G | | | | |
| 175 | B 22 C | 15/20 | 338.1 | B 22 D | 41/01 | 521 | B 22 C | 9/10 | 120-121 | F 24 H | 3/02 | | | | | | |
| 176-179 | B 22 C | 13/10 | | B 22 D | 41/015 | 522-529 | B 22 C | 9/00 | | F 28 F | | | | | | | |
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| 183 | B 22 C | 17/08 | 342-343 | B 22 D | 17/26 | 523 | B 22 C | 1/02 | 121 | H 01 L | 23/467 | | | | | | |
| 184 | B 22 C | 17/12 | 344-347 | B 22 D | 17/22 | 524 | B 22 C | 1/04 | 122-127 | F 01 F | 13/12 | | | | | | |
| 185 | B 22 C | 17/14 | | B 22 D | 29/00 | 525 | B 22 C | 1/16 | 122 | F 24 H | 3/06 | | | | | | |
| 186 | B 22 C | 13/12 | 348 | B 22 D | 27/04 | 526-529 | B 22 C | 1/22 | 123 | F 24 F | 3/04 | | | | | | |
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| 189 | B 22 C | 19/06 | 349-351 | B 22 C | 9/00 | | | | 128-129 | F 24 H | 9/02 | | | | | | |
| 190 | B 22 C | 17/06 | 352-357 | B 22 D | 15/00 | | | | 128 | F 24 H | 3/00 | | | | | | |
| 191 | B 22 C | 17/04 | 358-360 | B 22 C | 9/08 | | | | 130-131 | F 24 H | 3/00 | | | | | | |
| 192-193 | B 22 C | 5/12 | 359-361 | B 22 C | 9/02 | 4-5 | F 28 D | 17/00 | 130 | F 28 F | 9/26 | | | | | | |
| 194 | B 22 C | 15/00 | 362-363 | B 22 C | 9/08 | 4-9.4 | F 23 L | 15/02 | 132 | F 28 D | 1/06 | | | | | | |
| 195 | B 22 C | 15/28 | 364 | B 22 C | 9/00 | 10 | F 28 D | 17/00 | 133 | F 28 F | 13/18 | | | | | | |
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| 200-202 | B 22 C | 9/12 | 374-375 | B 22 C | 21/00 | 11.1 | B 60 H | 1/00 | 135-136 | F 28 F | 13/00 | | | | | | |
| 203 | B 22 C | 15/10 | 376 | A 61 C | 13/20 | 11.2 | F 22 B | 37/00 | 137-139 | F 28 F | 7/00 | | | | | | |
| 204 | B 22 C | 15/30 | | B 22 C | 21/10 | 41 | B 60 H | 1/00 | 140-141 | F 28 D | 7/10 | | | | | | |
| 205 | B 22 C | 15/10 | 377-378 | B 22 C | 21/02 | | F 28 F | | 142 | F 28 D | 7/12 | | | | | | |
| 206 | B 22 C | 15/14 | 379-383 | B 22 C | 21/14 | 42-44 | B 60 H | 3/00 | 143-144 | F 28 F | 9/26 | | | | | | |
| 207-212 | B 22 C | 15/02 | 384-396 | B 22 C | 21/00 | | B 61 D | 27/00 | 145 | F 28 F | 9/22 | | | | | | |
| 213-214 | B 22 C | 17/00 | 397-400 | B 22 C | 21/14 | 45 | F 24 J | 3/08 | 146 | F 28 F | 13/00 | | | | | | |
| 215-216 | B 22 C | 9/22 | 401 | B 22 C | 17/00 | | F 28 D | | 147 | F 28 F | 13/08 | | | | | | |
| 217-221 | B 22 C | 17/06 | | B 22 D | 11/128 | 46 | F 28 F | 7/00 | 148-150 | F 28 D | 1/00 | | | | | | |
| 222 | B 22 C | 7/00 | | B 22 D | 29/00 | 47 | F 24 H | 3/00 | 151 | F 28 D | 1/04 | | | | | | |
| 223 | B 22 C | 19/06 | | B 22 D | 29/08 | 48.1-48.2 | F 25 B | 29/00 | 152-153 | F 28 D | 1/02 | | | | | | |
| 224 | B 22 C | 17/08 | 402 | B 22 D | 17/00 | 49 | F 24 D | 19/02 | 154-155 | F 28 D | 7/10 | | | | | | |
| 225 | B 22 C | 17/04 | 403 | B 22 D | 17/06 | | F 24 H | 9/06 | 155 | F 28 D | | | | | | | |
| 226 | B 22 C | 17/02 | 404-407 | B 22 D | 29/00 | 50 | F 24 F | 3/00 | 156 | F 28 D | 7/12 | | | | | | |
| 227 | B 22 C | 17/00 | 408 | B 22 D | 29/06 | 51 | F 01 N | 5/02 | 157 | F 28 D | 7/10 | | | | | | |
| 228-234 | B 22 C | 11/00 | 409 | B 22 C | 17/08 | | F 01 P | | 158 | F 28 F | 9/02 | | | | | | |
| | B 22 C | 13/12 | 410 | B 22 C | 23/00 | 52 | F 02 M | 31/08 | 159-161 | F 28 F | 9/22 | | | | | | |
| | B 22 C | 7/06 | 411-412 | B 22 C | 21/14 | | F 02 P | | 159-162 | F 28 D | 7/00 | | | | | | |
| 235-238 | B 22 C | 7/00 | 412 | B 22 C | | 53 | F 24 D | 19/02 | 162 | F 28 F | 9/00 | | | | | | |
| 239-243 | B 22 C | 7/04 | | B 22 D | | | F 24 D | 5/10 | 163-165 | F 28 D | 7/02 | | | | | | |
| 244-245 | B 22 C | 7/00 | 413-414 | B 22 D | 11/16 | | F 24 H | 9/06 | 163 | F 28 D | | | | | | | |
| | B 22 C | 9/22 | 415 | B 22 D | 11/00 | 54 | F 24 H | 3/02 | 166 | F 28 F | 3/00 | | | | | | |
| 246 | B 22 C | 7/02 | 416 | B 22 D | 11/04 | 55 | F 24 D | 19/02 | 167 | F 28 F | 3/08 | | | | | | |
| 247-249 | B 22 C | 7/00 | 417 | B 22 D | 11/12 | | F 24 D | 19/06 | 168-169 | F 28 F | 3/12 | | | | | | |
| | B 22 C | 9/22 | 418 | B 22 D | 11/00 | | F 24 H | 9/06 | 170 | F 28 F | 3/14 | | | | | | |
| 250.1 | B 22 D | 13/06 | 419 | B 22 D | 19/00 | 56-57 | F 24 H | | 171 | F 28 F | 1/32 | | | | | | |
| | B 22 D | | 420-421 | B 22 D | 11/00 | 56 | F 24 D | 3/16 | 172 | F 28 F | 1/10 | | | | | | |
| 253-258 | B 22 D | 18/06 | 422 | B 22 D | 13/02 | 57 | F 28 D | 1/02 | 173-175 | F 28 F | 9/02 | | | | | | |
| | B 22 D | 27/15 | 423 | B 22 D | 11/00 | 58 | F 25 B | 29/00 | 176 | F 28 D | 7/06 | | | | | | |
| 259 | B 22 D | 27/00 | 424 | B 22 D | 11/12 | 59 | F 24 F | 7/00 | 177 | F 28 F | 1/00 | | | | | | |
| 260-261 | B 22 D | 27/08 | 425-426 | B 22 D | 11/08 | 60 | F 24 F | 3/14 | 178 | F 28 F | 9/04 | | | | | | |
| 262 | B 22 D | 11/126 | 427-434 | B 22 D | 11/06 | 61 | F 25 B | 29/00 | 179 | F 28 F | 1/42 | | | | | | |
| 263 | B 22 D | 11/12 | 435-436 | B 22 D | 11/04 | 62 | F 25 B | 13/00 | 180 | F 28 F | 21/00 | | | | | | |
| 264-265 | B 22 D | 31/00 | 437-440 | B 22 D | 11/10 | 63-65 | F 25 B | 29/00 | 181 | F 28 F | 1/20 | | | | | | |
| 266 | B 22 D | 1/00 | 441-442 | B 22 D | 11/12 | 66 | A 23 C | 3/02 | 182 | F 28 F | 1/30 | | | | | | |
| 267 | B 22 D | 13/10 | 443-444 | B 22 D | 11/124 | 67-68 | F 28 F | 9/00 | 183-184 | F 28 F | 1/14 | | | | | | |
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| 268 | B 22 D | 11/12 | 447-448 | B 22 D | 11/12 | 70 | F 28 F | 11/00 | 185 | F 28 F | 7/00 | | | | | | |
| 269 | B 22 D | 45/00 | 449.1 | B 22 D | 11/16 | 71 | F 16 F | 1/34 | 186-201 | F 28 F | | | | | | | |
| | B 22 D | 47/00 | | B 22 D | 11/18 | 72-75 | F 28 D | 1/06 | 186 | A 61 C | 5/06 | | | | | | |
| 270.1 | B 22 C | 5/08 | 450.1-450.5 | B 22 D | 11/16 | 76-83 | F 28 F | 7/00 | 200 | F 28 D | | | | | | | |
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| 272 | B 22 D | 45/00 | | B 22 D | 46/00 | 85 | F 24 H | 3/02 | | F 25 B | 29/00 | | | | | | |
| 284-285 | B 22 D | 17/00 | 452 | B 22 D | 11/16 | | F 28 F | 25/10 | 202-204 | B 60 H | | | | | | | |