

CONCORDANCE - United States to International Patent Classification

| 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 | | B 02 B | | 658-663 | A 47 C | 31/00 | 94.16 | C 14 C | 1/06 | | | | | | |
| 643-645 | A 47 K | 1/05 | 110 | 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 | | A 47 C | 19/00 | 689 | A 61 G | 7/057 | 94.17 | C 14 C | 1/08 | | | | | | |
| 646 | E 03 C | 1/326 | 111 | 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 | 112 | A 47 C | 17/64 | 692 | A 47 C | 21/02 | 94.19R | C 14 C | 1/08 | | | | | | |
| 649 | E 03 C | 1/33 | 113 | 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 | | B 60 P | 3/38 | 710 | A 47 C | 27/10 | | C 14 C | 3/04 | | | | | | |
| 654 | A 47 K | | 120-126 | A 45 F | 3/22 | 711-715 | A 47 C | 27/08 | 94.27 | C 14 C | 3/06 | | | | | | |
| | E 03 C | 1/244 | | A 45 F | 4/08 | 716-721 | A 47 C | 23/04 | 94.28-94.29 | C 14 C | 3/04 | | | | | | |
| | E 03 C | | 127-130 | A 45 F | 3/24 | 722-740 | A 47 C | 17/00 | 94.3 | C 14 C | 3/10 | | | | | | |
| 655 | A 47 K | 1/06 | 131-132 | A 47 C | 19/00 | | | | 94.31 | C 14 C | 3/24 | | | | | | |
| 656 | A 47 J | 47/20 | 133-149 | A 47 C | 17/38 | | | | 94.32 | C 14 C | 3/10 | | | | | | |
| | A 47 L | 19/02 | 150.1 | A 47 C | 19/00 | | | | 94.33 | C 14 C | 3/08 | | | | | | |
| | A 47 L | 19/04 | | A 47 C | 19/12 | | | | 101-102 | D 06 L | 3/00 | | | | | | |
| 657 | A 47 K | | 151-158 | A 47 C | 17/38 | 100 | B 25 F | 1/00 | 103 | D 06 L | 3/04 | | | | | | |
| | E 03 C | 1/186 | 159.1 | A 47 C | 19/00 | 101 | A 01 H | 5/02 | 107 | D 06 L | 3/00 | | | | | | |
| | E 03 C | | | A 47 C | 19/12 | 102 | G 04 D | | 108.1-109 | D 06 L | 3/06 | | | | | | |
| 658 | A 47 J | 47/20 | 160-163 | A 47 C | 17/38 | | A 43 D | 5/00 | 110 | D 06 L | 3/00 | | | | | | |
| | E 03 C | 1/181 | 164.1 | A 47 C | 19/00 | | B 68 F | | 111 | D 06 L | 3/10 | | | | | | |
| 659 | A 47 K | 3/12 | | A 47 C | 19/12 | | C 14 B | 19/00 | | D 06 L | 3/02 | | | | | | |
| | A 47 K | 3/164 | 165 | A 47 C | 17/38 | 103 | A 47 G | 27/04 | | D 06 L | 3/04 | | | | | | |
| 660-661 | E 03 C | | 166.1-166.2 | A 47 C | 19/00 | 104 | E 21 C | 37/22 | 112 | D 01 C | 3/00 | | | | | | |
| 660 | E 03 C | 1/33 | | A 47 C | 19/12 | 105 | A 46 B | | | D 01 C | | | | | | | |
| 661 | A 47 K | 17/00 | 167-173 | A 47 C | 17/38 | | B 44 C | 7/00 | 114-114.5 | D 06 M | | | | | | | |
| | A 47 K | | 174-180 | A 47 C | 19/12 | | B 44 D | 3/16 | 114-115 | D 06 Q | 1/02 | | | | | | |
| 662-665 | A 47 K | 4/00 | 181-185 | A 47 C | 19/04 | 106-107 | C 03 B | 33/10 | 114 | D 06 Q | 1/00 | | | | | | |
| | E 03 C | 1/01 | 186.1-229 | A 47 C | 19/00 | | E 04 F | 21/28 | 114.5 | D 06 Q | | | | | | | |
| 666 | E 03 D | 9/00 | 230-235 | A 47 C | 23/00 | 106 | B 25 F | 1/00 | 115.51-115.69 | D 06 M | | | | | | | |
| 667 | A 47 K | 13/10 | 236.1-238 | A 47 C | 23/06 | 108 | A 01 K | 69/00 | 115.51 | C 11 D | 3/00 | | | | | | |
| 668-669 | E 03 C | 1/00 | 239-245 | A 47 C | 23/30 | 109-117 | B 25 B | 25/00 | 115.52 | C 08 J | 7/18 | | | | | | |
| 668 | F 16 K | 31/00 | 246-263 | A 47 C | 23/02 | 110-113 | A 47 J | 1/00 | 115.53 | C 08 F | 283/00 | | | | | | |
| 669 | F 16 K | 33/00 | 246-277 | A 47 C | 23/04 | 110 | A 47 G | 21/04 | 115.54 | D 01 F | 9/22 | | | | | | |
| 670 | E 03 C | 1/01 | 264.1 | A 47 C | 23/00 | 111 | A 21 C | 3/02 | 115.55 | D 06 P | 3/79 | | | | | | |
| 671-674 | E 03 C | 1/00 | 265-277 | A 47 C | 23/02 | 112 | A 47 G | 21/02 | 115.56 | D 06 M | 13/127 | | | | | | |
| 672 | F 16 K | 35/14 | 278-316 | A 47 C | 23/00 | 113 | A 47 J | 43/28 | 115.57 | C 08 L | 23/32 | | | | | | |
| 675-678 | E 03 C | 1/04 | 278-400 | A 47 C | 19/00 | 114-116 | A 01 B | 1/00 | 115.58-115.6 | D 06 M | 15/423 | | | | | | |
| 679 | E 03 C | 1/12 | 308 | A 47 C | 19/22 | | A 01 D | 11/00 | 115.61 | D 06 M | 13/11 | | | | | | |
| 680 | E 03 C | 1/22 | 401 | A 47 C | 23/00 | | A 01 D | 7/00 | 115.62 | D 06 M | 14/14 | | | | | | |
| | E 03 C | 1/24 | 402-410 | A 47 C | 31/02 | 118-120 | A 01 D | 9/00 | 115.63 | D 06 M | 13/285 | | | | | | |
| 681 | E 03 C | 1/00 | 402 | B 68 G | 7/12 | 121-122 | B 26 B | 11/00 | 115.64 | C 08 J | 7/12 | | | | | | |
| 682-687 | E 03 C | 1/232 | 411 | A 47 C | 27/00 | | B 25 F | 1/00 | 115.65 | D 06 P | 1/673 | | | | | | |
| 688-693 | E 03 C | 1/23 | 412 | A 47 C | 19/04 | 121 | D 05 B | 91/04 | 115.66 | D 06 P | 1/642 | | | | | | |
| 694 | E 03 C | 1/244 | | | 29/00 | 122 | B 25 D | 1/00 | 115.67 | D 06 M | 13/395 | | | | | | |
| 695 | E 03 C | 1/042 | 413AM | A 47 C | 27/08 | | B 26 B | 23/00 | 115.68 | C 08 G | 59/32 | | | | | | |
| 696 | E 03 C | 1/00 | 413R-413AM | A 47 G | 9/08 | 123 | A 47 G | 25/00 | 115.69 | D 06 M | 11/38 | | | | | | |
| | | | 413R | A 41 B | 13/06 | 124 | B 43 L | 19/02 | 115.7-116.1 | D 06 M | 11/00 | | | | | | |
| | | | | A 47 G | 9/02 | 125-137 | B 25 B | 7/22 | 115.7 | D 06 M | 15/00 | | | | | | |
| | | | 415 | B 62 B | 9/14 | 138-142 | B 25 F | 1/00 | 116.1 | D 06 M | 23/00 | | | | | | |
| | | | 416 | A 45 F | 4/06 | 138 | B 25 B | 13/00 | 116.4 | D 06 M | 13/12 | | | | | | |
| | | | | A 45 F | 4/08 | 139-142 | B 25 B | 13/10 | 117-118 | D 06 M | 11/00 | | | | | | |
| | | | | A 47 G | 9/08 | 143-147 | B 25 D | 1/04 | | D 06 M | 13/00 | | | | | | |
| | | | | A 61 F | 7/00 | 148-150 | B 27 B | 21/00 | | D 06 M | 23/00 | | | | | | |
| | | | | A 47 C | 27/08 | 148-157 | B 25 F | 1/00 | 119 | D 21 H | 11/00 | | | | | | |
| 8-9.1 | A 47 C | 19/22 | 422 | A 47 C | 27/08 | 151-156 | B 67 B | 7/00 | | D 21 H | 15/00 | | | | | | |
| | A 47 D | 7/00 | 423 | A 47 C | 27/00 | 158-163 | B 26 B | 11/00 | | D 21 H | 17/00 | | | | | | |
| | A 47 C | 17/00 | 424 | A 47 C | 27/08 | 164 | B 25 F | 1/00 | | D 21 H | 21/00 | | | | | | |
| 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 | 23/00 | | | | | | |
| | A 47 D | 7/04 | 425 | A 47 D | 7/00 | 166 | B 66 F | 15/00 | | D 21 H | 25/00 | | | | | | |
| 11 | A 47 C | 31/00 | 482-487 | A 47 G | 9/00 | 167-168 | B 25 G | | | D 06 M | 13/00 | | | | | | |
| 12.1-12.2 | A 47 C | 17/00 | 482 | A 47 C | 31/10 | 167 | B 25 F | 1/02 | | D 06 M | 11/00 | | | | | | |
| 13-17 | A 47 C | 17/02 | 488-489 | A 47 C | 21/02 | 168 | B 25 F | 1/04 | | D 06 M | 13/184 | | | | | | |
| 13-50 | A 47 C | 17/04 | 490 | A 47 G | 9/02 | 169-170 | B 25 F | 1/00 | | D 06 M | 13/224 | | | | | | |
| 19-23 | A 47 C | 17/02 | 491-493 | A 47 C | 21/00 | | | | | D 06 M | 13/00 | | | | | | |
| 40 | A 47 C | 23/00 | 494-496 | A 47 G | 9/02 | | | | | | | | | | | | |