

**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 |
|----------------------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|
| <b>U.S. CLASS 37--Con.</b> |              |              |               |              |              |               |              |              |               |              |              |               |              |              |
| 414                        | G 05 B       | 19/02        | 66            | D 06 F       | 71/36        | 343           | B 41 J       | 11/36        | 479           | G 09 F       | 11/02        | 664-665       | G 09 F       | 3/14         |
|                            | G 05 B       | 19/06        |               | D 06 F       | 83/00        |               | B 41 J       | 13/00        | 480           | G 09 F       | 13/00        | 666           | G 09 F       | 3/16         |
| 415                        | G 05 D       | 1/08         | 67-68         | D 06 F       | 71/32        | 344-346       | B 41 J       | 11/38        | 481-485       | G 09 F       | 19/00        | 667           | G 09 F       | 3/08         |
| 416                        | G 05 D       | 1/00         | 67            | D 06 F       | 67/06        |               | B 41 J       | 13/02        | 486-488       | G 09 F       | 7/00         | 668           | G 09 F       | 3/12         |
| 417-422                    | E 02 F       | 3/65         | 68            | D 06 F       | 67/00        | 347-348       | B 41 J       | 11/38        | 489-491       | G 09 F       | 11/00        | 669           | G 09 F       | 3/04         |
| 420                        | B 65 G       | 33/00        |               | D 06 F       | 69/02        |               | B 41 J       | 15/02        | 492           | G 09 F       | 7/00         | 670           | G 09 F       | 23/00        |
|                            | E 02 F       | 3/06         | 69-73         | A 47 G       | 25/00        | 349-351       | B 41 J       | 11/14        | 493-494       | G 09 F       | 11/02        | 671-675       | G 09 F       | 3/10         |
| 422                        | B 65 G       | 17/00        |               | E 04 H       | 15/20        | 352-357       | B 41 J       | 11/64        | 495-496       | G 09 F       | 11/04        | 700-738       | A 47 G       | 1/06         |
| 423-424                    | E 02 F       | 9/22         | 74-77.1       | D 06 F       | 75/00        |               | B 43 M       | 3/00         | 497-501       | G 09 F       | 11/02        | 739-742       | A 47 G       | 1/08         |
| 423                        | B 65 G       | 23/04        | 77.2-77.4     | D 06 F       | 75/06        | 359-360       | B 42 F       | 21/00        | 502           | G 09 F       | 13/00        | 743-744       | A 47 G       | 1/06         |
|                            | B 65 G       | 39/00        | 77.2          | D 06 F       | 75/10        |               | B 65 D       | 27/00        | 503-507       | G 09 F       | 11/02        | 745-759       | A 47 G       | 1/16         |
| 425                        | G 05 B       | 19/43        | 77.3          | D 06 F       | 75/32        | 361-364       | G 02 B       | 27/02        | 508-511       | G 09 F       | 11/30        | 760           | A 47 G       | 1/17         |
| 426-433                    | E 02 F       | 3/65         | 77.4          | D 06 F       | 75/10        | 365           | G 02 B       | 27/04        | 512           | G 09 F       | 11/32        | 761-764       | A 47 G       | 1/16         |
| 428                        | G 05 B       | 19/43        | 77.5          | D 06 F       | 75/00        | 366-367       | G 02 B       | 27/02        | 513           | G 09 F       | 11/30        | 765-781       | A 47 G       | 1/06         |
| 430                        | G 05 B       | 19/43        | 77.6-77.9     | D 06 F       | 75/06        | 368-369       | G 09 F       | 9/00         | 514-523       | G 09 F       | 11/18        | 782-785       | A 47 G       | 1/10         |
| 434                        | B 62 B       | 1/00         | 77.6          | D 06 F       | 75/12        | 370           | G 09 F       | 21/04        | 524-528       | G 09 F       | 11/12        | 786-800       | A 47 G       | 1/06         |
|                            | E 02 F       | 3/02         | 77.7          | D 06 F       | 75/10        | 371           | B 42 D       | 5/04         | 529           | G 09 F       | 11/00        | 908-915       | G 09 F       |              |
| 435-436                    | E 02 F       | 3/64         | 77.8-77.82    | D 06 F       | 75/14        |               | B 42 F       |              | 530-537       | G 09 F       | 19/00        |               |              |              |
| 437-438                    | E 02 F       | 3/65         | 77.83         | D 06 F       | 75/18        | 372           | B 42 F       | 17/06        | 538-540       | G 09 F       | 1/08         |               |              |              |
| 438                        | E 02 F       | 9/22         | 77.9          | D 06 F       | 75/20        | 373-374       | B 42 F       | 17/00        | 541           | G 09 F       | 13/00        |               |              |              |
|                            | G 05 B       | 19/43        | 79            | D 06 F       | 75/40        |               | B 42 F       |              | 542           | G 09 F       | 13/20        |               |              |              |
| 439-441                    | E 02 F       | 3/64         | 80-81         | D 06 F       | 75/00        | 375           | B 42 F       | 17/34        | 543           | G 09 F       | 13/00        | 1.01          | F 41 A       | 9/53         |
| 442                        | E 02 F       | 3/28         | 82            | D 06 F       | 75/02        |               | B 42 F       |              | 544           | G 09 F       | 13/22        | 1.02-1.03     | F 41 A       | 9/62         |
| 443                        | E 02 F       | 3/32         |               | D 06 F       | 75/08        | 376           | B 42 F       | 17/32        | 545           | G 09 F       | 13/26        | 1.04-1.05     | F 41 A       | 9/53         |
| 444                        | E 02 F       | 3/40         | 83            | D 06 F       | 75/04        |               | B 42 F       |              | 546           | G 09 F       | 13/18        | 1.06          | F 41 A       | 21/00        |
| 445                        | E 02 F       | 3/407        | 84-87         | D 06 F       | 75/02        | 377           | A 47 B       | 49/00        | 547-549       | G 09 F       | 13/00        |               | F 41 A       | 25/00        |
| 446-447                    | E 02 F       | 3/36         | 88-89         | D 06 F       | 75/36        | 378           | B 42 F       | 17/34        | 550-551       | G 09 F       | 13/28        | 1.07          | F 41 A       | 3/00         |
| 448-459                    | E 02 F       | 9/28         | 90-92         | D 06 F       | 75/34        | 379           | B 42 F       | 13/12        | 552-558       | G 09 F       | 13/00        | 1.071         | F 41 C       | 27/00        |
| 460                        | E 02 F       | 3/00         | 93            | D 06 F       | 75/38        | 380           | B 42 F       | 17/02        | 559           | G 09 F       | 13/02        | 1.08          | F 41 C       | 9/00         |
| 461                        | B 66 C       | 3/02         | 94-95         | D 06 F       | 79/00        |               | B 42 F       |              | 560-563       | G 09 F       | 13/00        | 1.09          | F 41 C       | 9/02         |
|                            | E 02 F       | 3/413        | 96            | D 06 F       | 75/40        | 381           | B 42 F       | 17/34        | 564-565       | G 09 F       | 13/04        | 1.11          | F 41 C       | 9/00         |
| 462-463                    | E 02 F       | 3/08         | 97            | D 06 F       | 75/38        | 382-383       | B 42 F       | 17/04        | 566-567       | G 09 F       | 23/00        | 1.12          | F 41 C       | 3/02         |
| 463                        | B 65 G       | 15/30        | 98            | D 06 F       | 79/00        | 384           | B 42 F       | 21/00        | 568-578       | G 09 F       | 13/04        | 1.13          | F 41 C       | 9/00         |
| 464                        | E 02 F       | 3/10         | 99            | A 47 G       | 25/00        | 385-387       | B 42 F       | 17/28        | 579-580       | G 09 F       | 13/06        | 1.14          | F 41 C       | 9/06         |
| 465                        | E 02 F       | 3/14         |               | A 47 G       | 25/72        | 388           | B 42 F       | 17/00        | 581           | G 09 F       | 13/00        | 1.15          | F 41 C       | 27/06        |
|                            | E 02 F       | 9/28         | 100-101       | D 06 F       | 75/00        | 389           | B 42 F       | 17/20        | 582-583       | G 09 F       | 13/16        | 1.16          | F 41 C       | 9/00         |
| 466                        | E 02 F       | 3/00         | 102           | D 06 C       | 3/00         | 390           | B 42 F       | 17/00        | 584-585       | G 09 F       | 7/00         | 2-5           | F 41 A       | 3/00         |
| 467                        | E 02 F       | 3/64         | 102.1         | D 06 C       | 3/08         | 391           | B 42 F       | 17/22        | 586           | G 09 F       | 21/02        |               | F 41 C       | 7/00         |
| 468                        | E 02 F       | 3/96         | 102.2         | D 05 C       | 1/04         | 392           | B 42 F       | 17/18        | 587-593       | G 09 F       | 21/04        | 6-7           | F 41 A       | 9/61         |
|                            |              |              | 102.21        | D 06 C       | 3/06         | 393           | B 42 F       | 21/00        | 594           | G 09 F       | 7/12         | 8-41          | F 41 C       | 7/00         |
|                            |              |              | 102.3-102.91  | D 06 C       | 3/08         | 394           | B 42 F       | 17/18        | 595           | G 09 F       | 7/16         | 8-45          | F 41 A       | 3/00         |
|                            |              |              | 103-139       | D 06 F       | 81/00        | 395-398       | B 42 F       | 17/22        | 596-597       | G 09 F       | 7/00         | 16.1          | F 41 C       | 27/00        |
|                            |              |              | 140           | D 06 F       | 81/14        | 399           | B 42 F       | 1/10         | 598           | A 63 B       | 71/06        | 25            | F 41 A       | 15/00        |
|                            |              |              |               | D 06 F       | 83/00        |               | B 42 F       | 3/00         | 599           | G 09 F       | 23/00        | 43            | F 41 C       | 7/00         |
|                            |              |              |               | D 06 F       | 79/00        |               | B 42 F       | 5/00         | 600           | G 09 F       | 7/04         | 46-48         | F 41 A       | 15/00        |
|                            |              |              |               | D 06 F       | 79/02        | 400           | B 42 F       | 17/22        | 601-602       | G 09 F       | 7/00         | 49.01-50      | F 41 A       | 9/61         |
|                            |              |              |               | D 06 F       | 67/04        | 401-402       | B 42 F       | 13/00        | 603-604       | G 09 F       | 17/00        | 49.1          | F 41 C       | 27/00        |
|                            |              |              |               | D 06 F       |              | 403           | B 42 F       | 17/22        | 605           | G 09 F       | 7/00         | 51            | F 41 C       | 7/00         |
|                            |              |              |               | D 06 M       | 15/423       | 404           | B 42 F       | 3/00         | 606.01-607.15 | G 09 F       | 15/00        | 52            | F 41 C       | 9/04         |
|                            |              |              |               |              |              | 405           | B 42 F       | 5/00         |               | G 09 F       | 15/02        | 53            | F 41 C       | 9/00         |
|                            |              |              |               |              |              | 406-410       | G 09 F       | 19/00        | 608           | G 09 F       | 15/00        | 54-55         | F 41 C       | 3/00         |
|                            |              |              |               |              |              | 411-425       | G 09 F       | 19/08        | 609           | G 09 F       | 23/00        | 54-58         | F 41 C       | 3/06         |
|                            |              |              |               |              |              | 426           | G 09 F       | 19/00        | 610           | G 09 F       | 15/00        | 54            | F 41 A       | 33/00        |
|                            |              |              |               |              |              | 427           | A 47 F       | 11/06        | 611.01-611.13 | G 09 F       | 7/00         | 57            | F 41 C       | 3/08         |
|                            |              |              |               |              |              |               | B 44 F       | 1/00         | 612           | G 09 F       | 7/00         | 58            | F 41 C       | 3/00         |
|                            |              |              |               |              |              |               | G 09 F       | 19/12        |               | G 09 F       |              | 59-65         | F 41 C       | 3/14         |
|                            |              |              |               |              |              | 428-430       | G 09 F       | 19/00        | 613-615       | G 09 F       | 19/00        | 60            | F 41 A       | 9/61         |
|                            |              |              |               |              |              | 431           | G 09 F       | 13/00        | 616           | G 09 F       | 7/00         | 66-67         | F 41 A       | 17/00        |
|                            |              |              |               |              |              | 432           | G 09 F       | 13/30        |               | G 09 F       |              | 68            | F 24 H       | 9/06         |
|                            |              |              |               |              |              | 433-434       | G 09 F       | 13/00        | 617           | G 09 F       | 7/22         |               | F 41 A       | 15/00        |
|                            |              |              |               |              |              | 435-441       | G 09 F       | 19/00        | 618           | G 09 F       | 7/02         | 69.01         | F 41 A       | 19/00        |
|                            |              |              |               |              |              | 442-444       | G 09 F       | 13/00        | 619-620       | G 09 F       | 7/00         | 69.02-69.03   | F 41 A       | 3/00         |
|                            |              |              |               |              |              | 445           | G 09 F       | 19/00        | 621           | G 09 F       | 7/04         | 70.01-70.11   | F 41 A       | 17/00        |
|                            |              |              |               |              |              | 446           | G 09 F       | 9/37         | 622           | G 09 F       | 7/06         | 71.01-74      | F 41 C       | 23/00        |
|                            |              |              |               |              |              |               | G 09 F       |              | 623           | G 09 F       | 7/00         | 75.01-79      | F 41 A       | 21/00        |
|                            |              |              |               |              |              | 447           | G 09 F       | 3/04         | 624           | G 09 F       | 15/00        | 75.1          | F 41 C       | 27/00        |
|                            |              |              |               |              |              | 448-449       | G 09 F       | 9/00         | 625-629       | G 09 F       | 3/02         | 76.1          | F 41 C       | 27/00        |
|                            |              |              |               |              |              | 450-452       | G 09 F       | 3/04         | 630           | G 09 F       | 3/04         | 79            | F 41 C       | 27/00        |
|                            |              |              |               |              |              | 453           | G 09 F       | 19/14        |               | G 09 F       | 3/10         | 83            | F 41 A       | 17/00        |
|                            |              |              |               |              |              | 454           | G 03 B       | 25/02        | 631-632       | G 09 F       | 3/02         | 84            | F 41 A       | 19/00        |
|                            |              |              |               |              |              | 455-457       | G 09 F       | 27/00        | 633           | A 44 C       | 5/00         | 85            | F 41 C       | 23/00        |
|                            |              |              |               |              |              | 458           | G 09 F       | 19/00        |               | A 61 B       | 5/103        |               | F 41 C       | 23/02        |
|                            |              |              |               |              |              | 459-460       | G 09 F       | 19/04        |               | A 61 B       | 5/117        | 86            | F 41 C       | 27/00        |
|                            |              |              |               |              |              | 461           | G 09 F       | 19/00        | 634           | A 44 B       | 15/00        |               | F 41 C       | 27/18        |
|                            |              |              |               |              |              | 462           | G 09 F       | 21/04        |               | G 09 F       | 15/00        |               | F 41 H       | 5/10         |
|                            |              |              |               |              |              | 463           | G 09 F       | 9/37         | 635-637       | G 09 F       | 23/00        | 87-89         | F 41 A       | 9/61         |
|                            |              |              |               |              |              |               | G 09 F       |              | 638           | G 09 F       | 3/10         |               | F 41 A       | 9/82         |
|                            |              |              |               |              |              | 464           | B 61 L       | 3/00         | 639-640       | G 09 F       | 23/00        | 90-94         | F 41 C       | 27/00        |
|                            |              |              |               |              |              |               | G 09 F       |              | 641           | G 09 F       | 23/10        | 90-95         | F 41 A       | 31/00        |
|                            |              |              |               |              |              | 465           | G 09 F       | 3/18         | 642.01        | G 09 F       | 3/00         | 90            | F 41 A       | 15/00        |
|                            |              |              |               |              |              |               | G 09 F       |              | 642.02        | G 09 F       | 3/18         |               | F 41 A       | 29/00        |
|                            |              |              |               |              |              | 466-467       | G 09 F       | 11/295       | 643-644       | G 09 F       | 21/04        | 93            | F 41 A       | 23/00        |
|                            |              |              |               |              |              |               | G 09 F       |              | 645           | G 09 F       | 23/00        |               | F 41 C       | 27/04        |
|                            |              |              |               |              |              | 468           | G 04 B       | 45/00        | 646           | G 09 F       | 3/18         | 94-95         | F 41 A       | 29/00        |
|                            |              |              |               |              |              |               | G 09 F       |              | 647           | G 09 F       | 3/20         | 94            | F 41 A       | 9/62         |
|                            |              |              |               |              |              |               |              |              |               |              |              |               |              |              |

**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 |
|----------------------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|------------------------|--------------|--------------|-------------------------|--------------|--------------|
| <b>U.S. CLASS 42--Con.</b> |              |              |               |              |              |               |              |              |                        |              |              |                         |              |              |
| 119-129                    | F 41 G       | 1 / 38       | 92            | A 01 M       | 23 / 24      | 359-360       | C 10 L       | 1 / 18       |                        | F 26 B       |              |                         | A 01 G       | 17 / 06      |
| 130-148                    | F 41 G       | 1 / 00       |               | A 01 M       | 23 / 28      | 361           | C 10 L       | 1 / 30       | 630                    | C 10 F       | 7 / 00       | 58.1LS                  | A 01 G       | 29 / 00      |
|                            |              |              | 93-96         | A 01 M       | 23 / 00      | 362-364       | C 10 L       | 1 / 18       | 631                    | E 21 C       | 49 / 00      | 58.1R                   | A 01 B       | 79 / 00      |
|                            |              |              | 97            | A 01 M       | 23 / 28      | 362           | C 10 L       | 1 / 24       | 632                    | A 01 D       | 84 / 00      |                         | A 01 B       | 79 / 02      |
|                            |              |              | 98-99         | A 01 M       | 19 / 00      | 365           | C 10 L       | 1 / 24       | 633                    | C 10 F       | 7 / 02       |                         | A 01 C       | 1 / 00       |
|                            |              |              |               | A 01 M       | 23 / 38      | 366           | C 10 L       | 1 / 26       | 634-636                | B 28 B       |              |                         | A 01 G       | 1 / 00       |
|                            |              |              |               | H 05 C       | 3 / 00       | 367           | C 10 L       | 1 / 22       |                        | B 30 B       | 11 / 00      |                         | A 01 H       | 3 / 00       |
|                            |              |              | 100-101       | A 01 K       | 69 / 00      | 368           | C 10 L       | 1 / 30       |                        | C 10 L       | 5 / 22       | 58.1SC                  | A 01 G       | 9 / 10       |
|                            |              |              | 102-104       | A 01 K       | 71 / 00      | 369-374       | C 10 L       | 1 / 24       | 634                    | B 30 B       | 15 / 00      |                         | C 05 D       | 9 / 00       |
|                            |              |              | 105           | A 01 K       | 69 / 10      | 375-382       | C 10 L       | 1 / 26       | 635                    | B 30 B       | 15 / 30      |                         | C 09 K       | 17 / 14      |
|                            |              |              | 106           | A 01 K       | 69 / 04      | 383           | C 10 L       | 1 / 24       | 636                    | C 10 L       | 5 / 44       | 58.1SE                  | A 01 C       | 1 / 00       |
|                            |              |              | 107           | A 01 M       | 1 / 20       | 384           | C 10 L       | 1 / 22       | 639                    | C 10 L       | 5 / 00       |                         | A 01 G       | 7 / 00       |
|                            |              |              | 108           | A 01 M       | 1 / 18       | 385-390       | C 10 L       | 1 / 18       | 640-642                | C 10 L       | 10 / 00      |                         | A 01 H       | 4 / 00       |
|                            |              |              | 109-111       | A 01 M       | 1 / 10       | 387           | C 10 L       | 1 / 22       | 643                    | A 24 F       | 29 / 00      |                         |              | 31 / 00      |
|                            |              |              | 112           | A 01 M       | 1 / 22       | 390           | C 10 L       | 1 / 24       |                        |              |              | 65                      | A 01 G       | 31 / 02      |
|                            |              |              |               | H 05 C       | 3 / 00       | 391-392       | C 10 L       | 1 / 22       | <b>U.S. CLASS 47</b>   |              |              |                         |              |              |
|                            |              |              | 113           | A 01 M       | 1 / 04       | 393-394       | C 10 L       | 1 / 18       | <b>PLANT HUSBANDRY</b> |              |              |                         |              |              |
|                            |              |              |               | A 01 M       | 1 / 08       | 394           | C 10 L       | 1 / 22       | 1.01D                  | A 01 G       | 17 / 08      |                         | A 47 G       | 7 / 02       |
|                            |              |              | 114-117       | A 01 M       | 1 / 14       | 395           | C 10 L       | 1 / 14       |                        | A 01 G       | 9 / 08       | 68                      | A 01 G       | 9 / 02       |
|                            |              |              | 118           | A 01 M       | 1 / 10       | 396-398       | C 10 L       | 1 / 18       |                        | A 01 G       | 9 / 10       | 69                      | A 01 G       | 9 / 14       |
|                            |              |              | 119           | A 01 M       | 1 / 24       | 399           | C 10 L       | 1 / 22       | 1.01F                  | A 01 C       | 1 / 04       | 70                      | A 01 G       | 9 / 12       |
|                            |              |              | 120-123       | A 01 M       | 1 / 10       | 400-404       | C 10 L       | 1 / 18       |                        | A 01 C       | 1 / 04       | 71                      | A 01 G       | 9 / 04       |
|                            |              |              |               | A 01 M       | 1 / 20       | 400           | C 10 L       | 1 / 24       |                        | A 01 G       | 1 / 00       | 72                      | A 01 G       | 9 / 02       |
|                            |              |              |               | A 01 M       | 13 / 00      | 405-409       | C 10 L       | 1 / 22       | 1.01P                  | E 01 C       | 13 / 08      | 73-75                   | A 01 G       | 23 / 02      |
|                            |              |              |               | A 01 M       | 17 / 00      | 408-409       | C 10 L       | 1 / 18       |                        | A 01 C       | 5 / 06       | 76                      | A 01 G       | 23 / 04      |
|                            |              |              |               | A 01 M       | 19 / 00      | 410           | C 10 L       | 1 / 00       |                        | A 01 C       | 7 / 04       | 77                      | A 01 G       | 9 / 10       |
|                            |              |              |               | A 01 M       | 25 / 00      | 411           | C 10 L       | 1 / 18       | 1.01R                  | A 01 G       | 9 / 10       | 78                      | A 01 G       | 9 / 02       |
|                            |              |              |               | A 01 M       | 5 / 00       | 412-422       | C 10 L       | 1 / 22       |                        | A 01 C       |              | 79-82                   | A 01 G       | 25 / 00      |
|                            |              |              |               | A 01 M       | 7 / 00       | 417-419       | C 10 L       | 1 / 24       |                        | A 01 G       | 17 / 08      | 83-87                   | A 01 G       | 9 / 02       |
|                            |              |              | 124           | A 01 M       | 1 / 24       | 423           | C 10 L       | 1 / 00       |                        | A 01 G       | 9 / 08       | 88                      | A 01 G       | 13 / 06      |
|                            |              |              |               | A 01 M       |              | 424-434       | C 10 L       | 1 / 22       | 1.01S                  | A 01 G       | 9 / 10       | 89                      | A 01 G       | 1 / 00       |
|                            |              |              | 125-127       | A 01 M       | 13 / 00      | 427-428       | C 10 L       | 1 / 24       |                        | A 01 G       | 17 / 08      | 901                     | A 01 C       |              |
|                            |              |              |               | A 01 M       | 19 / 00      | 433-435       | C 10 L       | 1 / 24       |                        | A 01 G       | 9 / 08       |                         | A 01 G       |              |
|                            |              |              | 128           | A 01 K       | 55 / 00      | 435           | C 10 L       | 1 / 26       | 1.01T                  | A 01 G       | 17 / 00      | <b>U.S. CLASS 48</b>    |              |              |
|                            |              |              | 129-130       | A 01 M       | 19 / 00      | 436-453       | C 10 L       | 1 / 18       |                        | A 01 G       | 9 / 10       | <b>GAS: HEATING AND</b> |              |              |
|                            |              |              |               | A 01 M       | 1 / 20       | 454-455       | C 10 L       | 1 / 30       | 1.1                    | A 01 G       | 1 / 04       | <b>ILLUMINATING</b>     |              |              |
|                            |              |              |               | A 01 M       | 25 / 00      | 455           | C 10 L       | 1 / 12       | 1.3                    | A 01 C       | 1 / 00       | 1                       | C 07 C       | 11 / 24      |
|                            |              |              | 132.1-133     | A 01 M       | 5 / 00       | 456           | C 10 L       | 1 / 20       | 1.4                    | A 01 G       | 7 / 04       |                         | C 10 H       |              |
|                            |              |              | 132.1         | A 01 M       | 17 / 00      | 457-458       | C 10 L       | 1 / 12       |                        | A 01 G       | 7 / 00       | 2                       | C 10 H       | 5 / 00       |
|                            |              |              |               | A 01 M       | 7 / 00       | 459           | C 10 L       | 1 / 16       | 1.41                   | A 01 H       | 13 / 00      | 3A                      | C 10 H       | 3 / 00       |
|                            |              |              | 134-135       | A 01 M       | 3 / 00       | 490           | C 10 F       | 5 / 00       |                        | A 01 G       | 7 / 00       | 3R                      | C 10 H       | 3 / 00       |
|                            |              |              | 134-137       | A 01 M       | 5 / 02       |               |              |              | 1.42                   | A 01 B       | 1 / 02       | 4                       | C 10 K       | 3 / 06       |
|                            |              |              | 136           | A 01 M       | 3 / 04       | 491           | C 10 F       | 7 / 06       |                        | A 01 G       | 11 / 00      |                         | C 10 H       | 1 / 00       |
|                            |              |              | 137           | A 01 M       | 3 / 02       | 492           | C 10 F       | 5 / 00       | 1.43                   | A 01 B       | 41 / 00      | 5-9                     | C 10 H       | 5 / 00       |
|                            |              |              | 138           | A 01 M       | 5 / 04       | 500-505       | C 10 L       | 5 / 00       | 1.44                   | A 01 M       | 15 / 00      | 10                      | C 10 H       | 5 / 04       |
|                            |              |              | 139-140       | A 01 M       | 5 / 00       | 506           | C 06 C       | 9 / 00       | 1.5                    | A 01 C       |              |                         | C 10 H       | 5 / 08       |
|                            |              |              | 139-143       | A 01 M       | 5 / 08       | 507-509       | C 06 F       | 5 / 00       |                        | A 01 G       |              | 11                      | C 10 H       | 19 / 02      |
|                            |              |              | 139           | A 01 M       | 1 / 06       | 507           | C 06 F       | 3 / 00       | 1.7                    | A 01 M       | 21 / 04      |                         | C 10 H       | 5 / 00       |
|                            |              |              |               | A 01 M       | 1 / 08       | 508-509       | A 24 F       | 27 / 12      |                        | A 01 G       | 7 / 00       | 12-18                   | C 10 H       | 5 / 00       |
|                            |              |              | 142-143       | A 01 M       | 5 / 04       | 510           | A 24 F       | 27 / 26      | 2                      | A 01 M       | 13 / 00      | 19-22                   | C 10 H       | 7 / 00       |
|                            |              |              | 144           | A 01 M       | 1 / 20       | 511           | A 24 F       | 3 / 02       | 3-5.5                  | A 01 G       | 7 / 00       | 23-27                   | C 10 H       | 1 / 00       |
|                            |              |              |               | A 01 M       | 15 / 00      | 512           | A 24 F       | 27 / 12      | 6-7                    | A 01 G       | 1 / 00       | 28                      | C 10 H       | 3 / 00       |
|                            |              |              |               |              |              | 519           | C 06 C       | 5 / 00       | 8                      | A 01 G       | 17 / 18      |                         | C 10 H       | 1 / 02       |
|                            |              |              |               |              |              | 520-522       | C 10 L       | 11 / 00      | 9                      | A 01 G       | 7 / 00       | 29-33                   | C 10 H       | 3 / 00       |
|                            |              |              | 250-251       | C 06 B       | 33 / 00      | 530           | C 10 L       | 5 / 36       | 10-12                  | A 01 G       | 23 / 10      |                         | C 10 H       | 1 / 00       |
|                            |              |              | 252-253       | C 09 K       | 5 / 00       | 531-545       | C 10 L       | 11 / 00      | 14-16                  | A 01 C       | 1 / 00       | 34-35                   | C 10 H       | 1 / 00       |
|                            |              |              |               | F 24 J       | 1 / 00       | 550           | C 10 L       | 5 / 00       | 17-18                  | A 01 G       | 9 / 00       |                         | C 10 H       | 19 / 02      |
|                            |              |              | 265-275       | C 10 L       | 7 / 00       | 551           | C 10 L       | 5 / 10       | 19.1-19.2              | A 01 G       | 9 / 20       |                         | C 10 H       | 3 / 00       |
|                            |              |              | 275           | C 10 L       | 5 / 00       | 552           | C 10 L       | 5 / 42       | 20.1                   | A 01 G       | 13 / 02      | 36                      | C 10 H       | 1 / 00       |
|                            |              |              |               | C 11 C       | 5 / 00       | 553           | C 10 L       | 5 / 14       | 21.1                   | A 01 G       | 25 / 00      |                         | C 10 H       | 21 / 08      |
|                            |              |              | 280-300       | C 10 L       | 1 / 10       | 554           | C 10 L       | 5 / 00       | 22.1-29.7              | A 01 G       | 13 / 02      |                         | C 10 H       | 3 / 00       |
|                            |              |              | 281-282       | C 10 L       | 1 / 32       | 555-557       | C 10 L       | 5 / 14       | 30-31                  | A 01 G       | 13 / 00      | 37                      | C 10 H       | 1 / 02       |
|                            |              |              | 301-302       | C 10 L       | 1 / 32       | 555           | C 10 L       | 5 / 42       |                        | A 01 G       | 13 / 02      |                         | C 10 H       | 3 / 00       |
|                            |              |              | 303           | C 10 L       | 1 / 18       | 557           | C 10 L       | 5 / 12       | 31.1                   | A 47 G       | 7 / 08       | 38                      | C 10 H       | 15 / 00      |
|                            |              |              | 304           | C 10 L       | 1 / 24       | 558           | C 10 L       | 9 / 06       | 32                     | A 01 G       | 13 / 02      |                         | C 10 H       | 19 / 00      |
|                            |              |              | 305           | C 10 L       | 1 / 26       | 559           | C 10 L       | 9 / 12       | 32.1                   | A 01 G       | 9 / 00       | 39                      | C 10 H       | 15 / 14      |
|                            |              |              | 306           | C 10 L       | 1 / 10       |               |              |              |                        | A 01 G       | 13 / 00      | 40-42                   | C 10 H       | 15 / 00      |
|                            |              |              | 307           | C 10 L       | 1 / 00       | 560           | C 10 L       | 5 / 12       |                        | A 47 G       | 7 / 08       | 43                      | C 10 H       | 15 / 08      |
|                            |              |              | 308-310       | C 10 L       | 1 / 18       | 561           | C 10 L       | 5 / 14       | 32.2-32.8              | A 01 G       | 13 / 02      | 44-45                   | C 10 H       | 15 / 00      |
|                            |              |              | 310-311       | C 10 L       | 1 / 10       | 562           | C 10 L       | 5 / 16       | 33                     | A 01 G       | 1 / 00       | 46                      | C 10 H       | 15 / 00      |
|                            |              |              | 312-313       | C 10 L       | 1 / 18       | 563           | C 10 L       | 5 / 14       | 39-40                  | A 47 G       | 7 / 00       |                         | C 10 H       | 19 / 00      |
|                            |              |              | 313           | C 10 L       | 1 / 10       | 564-571       | C 10 L       | 5 / 00       | 40.5                   | A 47 G       | 33 / 12      | 47                      | C 10 H       | 15 / 20      |
|                            |              |              | 314-318       | C 10 L       | 1 / 12       | 565           | C 10 L       | 5 / 16       |                        | A 47 G       | 7 / 02       | 48-49                   | C 10 H       | 15 / 18      |
|                            |              |              | 314-319       | C 10 L       | 1 / 30       | 566           | C 10 L       | 5 / 44       | 41.01-41.15            | A 01 G       | 5 / 00       | 50                      | C 10 H       | 15 / 00      |
|                            |              |              | 320-322       | C 10 L       | 1 / 12       | 567           | C 10 L       | 5 / 44       |                        | A 47 G       | 7 / 00       | 51                      | C 10 H       | 15 / 24      |
|                            |              |              | 320           | C 10 L       | 1 / 28       | 570           | C 10 L       | 5 / 44       | 42-43                  | A 01 G       | 17 / 10      | 52-53.3                 | C 10 H       | 15 / 06      |
|                            |              |              | 321           | C 10 L       | 1 / 10       | 572-577       | C 10 L       | 5 / 12       |                        | A 01 G       |              | 53.4                    | C 10 H       | 15 / 10      |
|                            |              |              | 322           | C 10 L       | 1 / 18       | 573           | C 10 L       | 5 / 14       | 44-47                  | A 01 G       | 17 / 06      | 54                      | C 10 H       | 15 / 14      |
|                            |              |              | 323-326       | C 10 L       | 1 / 24       | 574           | C 10 L       | 5 / 04       |                        | A 01 G       | 17 / 14      | 55                      | C 10 H       | 15 / 08      |
|                            |              |              | 323-328       | C 10 L       | 1 / 22       | 575           | C 10 L       | 5 / 12       | 48.5                   | A 01 G       | 29 / 00      | 56                      | C 10 H       | 21 / 08      |
|                            |              |              | 329-332       | C 10 L       | 1 / 00       | 576-577       | C 10 L       | 5 / 44       | 50-54                  | A 01 G       | 23 / 10      | 57                      | C 10 H       | 21 / 16      |
|                            |              |              | 333-348       | C 10 L       | 1 / 22       | 578           | C 10 L       | 5 / 20       | 55                     | A 01 G       | 5 / 00       | 58                      | C 10 H       |              |
|                            |              |              |               | C 10 L       | 1 / 24       | 579           | C 10 L       | 5 / 14       | 56                     | A 01 C       | 1 / 04       | 59                      | C 10 H       | 21 / 02      |
|                            |              |              | 334           | C 10 L       | 1 / 24       | 580           | C 10 L       | 5 / 12       | 57.5                   | A 01 G       | 29 / 00      | 60                      | C 10 H       | 21 / 02      |
|                            |              |              | 347-352       | C 10 L       | 1 / 24       | 589-590       | C 10 L       | 5 / 40       | 57.6                   | A 01 C       | 1 / 06       |                         | C 10 H       | 21 / 10      |
|                            |              |              | 349-352       | C 10 L       | 1 / 18       | 591-592       | C 10 L       | 5 / 02       |                        | A 01 C       | 21 / 00      | 61                      | B 01 J       | 7 / 00       |
|                            |              |              |               |              |              |               |              |              |                        |              |              |                         |              |              |