SECTION C — CHEMISTRY; METALLURGY

C01 INORGANIC CHEMISTRY

C01C **AMMONIA; CYANOGEN; COMPOUNDS THEREOF** (salts of oxyacids of halogens C01B 11/00; peroxides, salts of peroxyacids C01B 15/00; thiosulfates, dithionites, polythionates C01B 17/64; compounds containing selenium or tellurium C01B 19/00; azides C01B 21/08; metal amides C01B 21/092; nitrites C01B 21/50; phosphides C01B 25/08; salts of oxyacids of phosphorus C01B 25/16; compounds containing silicon C01B 33/00; compounds containing boron C01B 35/00; fermentation or enzyme-using processes for the preparation of elements or inorganic compounds except carbon dioxide C12P 3/00; production of non-metallic elements or inorganic compounds by electrolysis or electrophoresis C25B)

Note(s) [7, 2006.01]

1. Attention is drawn to Note (1) after class C01, which defines the last place priority rule applied in this class, i.e. in the range of subclasses C01B-C01G and within these subclasses.
2. Therapeutic activity of compounds is further classified in subclass A61P.

1/00 **Ammonia; Compounds thereof [1, 2006.01]**
1/02 • Preparation or separation of ammonia **[1, 2006.01]**
1/04 • • Preparation of ammonia by synthesis (preparation or purification of gas mixtures for ammonia synthesis C01B 3/02) **[1, 2006.01]**
1/08 • • Preparation of ammonia from nitrogenous organic substances **[1, 2006.01]**
1/10 • • Separation of ammonia from ammonia liquors, e.g. gas liquors **[1, 2006.01]**
1/12 • • Separation of ammonia from gases and vapours **[1, 2006.01]**
1/14 • • • Saturators **[1, 2006.01]**
1/16 • Halides of ammonium **[1, 2006.01]**
1/18 • Nitrates of ammonium **[1, 2006.01]**
1/20 • Sulfides; Polysulfides **[1, 2006.01]**
1/22 • Sulfites of ammonium **[1, 2006.01]**
1/24 • Sulfates of ammonium (C01C 1/14 takes precedence) **[1, 2006.01]**
1/242 • • Preparation from ammonia and sulfuric acid or sulfur trioxide **[2, 2006.01]**
1/244 • • Preparation by double decomposition of ammonium salts with sulfates **[2, 2006.01]**
1/245 • • Preparation from compounds containing nitrogen and sulfur **[2, 2006.01]**
1/246 • • • from sulfur-containing ammonium compounds **[2, 2006.01]**
1/247 • • • • by oxidation with free oxygen **[2, 2006.01]**
1/248 • • Preventing coalescing or controlling form or size of crystals **[2, 2006.01]**
1/249 • • Deacidifying the crystals **[2, 2006.01]**
1/26 • Carbonates or bicarbonates of ammonium **[1, 2006.01]**
1/28 • Methods of preparing ammonium salts in general **[1, 2006.01]**

Note(s)

1. This group does not cover ammonium salts of complex acids (other than complex cyanides) containing a metal in the anion, which are covered by the relevant groups of subclasses C01D-C01G, according to the metal.
2. Salts of polybasic acids with ammonium and a metal as cations are classified as though the ammonium were hydrogen.
3. Complex ammine salts are classified in the relevant groups of subclasses C01D-C01G, according to the metal.

3/00 **Cyanogen; Compounds thereof [1, 2006.01]**
3/02 • Preparation of hydrogen cyanide **[1, 2006.01]**
3/04 • • Separation from gases **[1, 2006.01]**
3/06 • Stabilisation of hydrogen cyanide **[1, 2006.01]**
3/08 • Simple or complex cyanides of metals **[1, 2006.01]**
3/10 • • Simple alkali metal cyanides **[1, 3, 2006.01]**
3/11 • • Complex cyanides **[3, 2006.01]**
3/12 • • Simple or complex iron cyanides **[1, 2, 2006.01]**
3/14 • Cyanic acid; Salts thereof **[1, 2006.01]**
3/16 • Cyanamide; Salts thereof **[1, 2006.01]**
3/18 • • Calcium cyanamide **[1, 2006.01]**
3/20 • Thiocyanic acid; Salts thereof **[1, 2006.01]**