

SECTION C –CHEMISTRY; METALLURGY

C01 INORGANIC CHEMISTRY (processing powders of inorganic compounds preparatory to the manufacturing of ceramic products C04B 35/00; fermentation or enzyme-using processes for the preparation of elements or inorganic compounds except carbon dioxide C12P 3/00; obtaining metal compounds from mixtures, e.g. ores, which are intermediate compounds in a metallurgical process for obtaining a free metal C21B, C22B; production of non-metallic elements or inorganic compounds by electrolysis or electrophoresis C25B)

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)

- (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. [8]
 (2) Therapeutic activity of compounds is further classified in subclass A61P. [7]

1/00 Ammonia; Compounds thereof	1/28 . Methods of preparing ammonium salts in general
1/02 . Preparation or separation of ammonia	
1/04 . . Preparation of ammonia by synthesis (preparation or purification of gas mixtures for ammonia synthesis C01B 3/02)	(1) This group <u>does not cover</u> 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.
1/08 . . Preparation of ammonia from nitrogenous organic substances	(2) Salts of polybasic acids with ammonium and a metal as cations are classified as though the ammonium were hydrogen.
1/10 . . Separation of ammonia from ammonia liquors, e.g. gas liquors	(3) Complex ammine salts are classified in the relevant groups of subclasses C01D C01G, according to the metal.
1/12 . . Separation of ammonia from gases and vapours	
1/14 . . . Saturators	
1/16 . Halides of ammonium	
1/18 . Nitrates of ammonium	
1/20 . Sulfides; Polysulfides	
1/22 . Sulfites of ammonium	3/00 Cyanogen; Compounds thereof
1/24 . Sulfates of ammonium (C01C 1/14 takes precedence)	3/02 . Preparation of hydrogen cyanide
1/242 . . Preparation from ammonia and sulfuric acid or sulfur trioxide [2]	3/04 . . Separation from gases
1/244 . . Preparation by double decomposition of ammonium salts with sulfates [2]	3/06 . Stabilisation of hydrogen cyanide
1/245 . . Preparation from compounds containing nitrogen and sulfur [2]	3/08 . Simple or complex cyanides of metals
1/246 . . . from sulfur-containing ammonium compounds [2]	3/10 . . Simple alkali metal cyanides [3]
1/247 by oxidation with free oxygen [2]	3/11 . . Complex cyanides [3]
1/248 . . Preventing coalescing or controlling form or size of crystals [2]	3/12 . . Simple or complex iron cyanides [2]
1/249 . . Deacidifying the crystals [2]	3/14 . Cyanic acid; Salts thereof
1/26 . Carbonates or bicarbonates of ammonium	3/16 . Cyanamide; Salts thereof (dicyandiamide C07C 279/28)
	3/18 . . Calcium cyanamide
	3/20 . Thiocyanic acid; Salts thereof