

CPC**COOPERATIVE PATENT CLASSIFICATION****C01G****COMPOUNDS CONTAINING METALS NOT COVERED BY SUBCLASSES [C01D](#) OR [C01F](#)**

(metal hydrides { monoborane, diborane or addition complexes thereof } [C01B 6/00](#); salts of oxyacids of halogens [C01B 11/00](#); peroxides, salts or peroxyacids [C01B 15/00](#); thiosulfates, dithionites, polythionates [C01B 17/64](#); compounds containing selenium, or tellurium [C01B 19/00](#); binary compounds of nitrogen with metals [C01B 21/06](#); azides [C01B 21/08](#); { compounds containing nitrogen, other non-metals and metal [C01B 21/082](#)}; metal amides [C01B 21/092](#); nitrites [C01B 21/50](#); { compounds of noble gases [C01B 23/0005](#)}; phosphides [C01B 25/08](#); salts of oxyacids of phosphorus [C01B 25/16](#); carbides [C01B 31/30](#); compounds containing silicon [C01B 33/00](#); compounds containing boron [C01B 35/00](#); compounds having molecular sieve properties but not having base-exchange properties [C01B 37/00](#); compounds having molecular sieve and base-exchange properties, e.g. crystalline zeolites, [C01B 39/00](#); cyanides [C01C 3/08](#); salts of cyanamide [C01C 3/16](#); thiocyanates [C01C 3/20](#))

WARNING

Groups [C01G 51/30](#) to [C01G 51/70](#) and [C01G 53/40](#) to [C01G 53/70](#) do not correspond to former or current IPC-groups. The concordance CPC : IPC is as follows: - [C01G 51/30](#) - [C01G 51/70](#) : [C01G 51/00](#) - [C01G 53/40](#) - [C01G 53/70](#) : [C01G 53/00](#)

C01G 1/00

Methods of preparing compounds of metals not covered by subclasses [C01B](#), [C01C](#), [C01D](#), or [C01F](#), in general (electrolytic production of inorganic compounds [C25B 1/00](#))

- [C01G 1/02](#) . Oxides
- [C01G 1/04](#) . Carbonyls
- [C01G 1/06](#) . Halides
- [C01G 1/08](#) . Nitrates
- [C01G 1/10](#) . Sulfates
- [C01G 1/12](#) . Sulfides
- [C01G 1/14](#) . Sulfites

C01G 3/00**Compounds of copper**

- [C01G 3/003](#) . {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
- [C01G 3/006](#) . {Compounds containing, besides copper, two or more other elements, with the exception of oxygen or hydrogen}
- [C01G 3/02](#) . Oxides; Hydroxides
- [C01G 3/04](#) . Halides
- [C01G 3/05](#) .. Chlorides
- [C01G 3/06](#) .. Oxychlorides

C01G 3/08	. Nitrates
C01G 3/10	. Sulfates
C01G 3/12	. Sulfides
C01G 3/14	. Complexes with ammonia
C01G 5/00	Compounds of silver
C01G 5/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 5/006	. {Compounds containing, besides silver, two or more other elements, with the exception of oxygen or hydrogen}
C01G 5/02	. Halides
C01G 7/00	Compounds of gold
C01G 7/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 7/006	. {Compounds containing, besides gold, two or more other elements, with the exception of oxygen or hydrogen}
C01G 9/00	Compounds of zinc
C01G 9/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 9/006	. {Compounds containing, besides zinc, two or more other elements, with the exception of oxygen or hydrogen}
C01G 9/02	. Oxides; Hydroxides
C01G 9/03	. . Processes of production using dry methods, e.g. vapour phase processes
C01G 9/04	. Halides
C01G 9/06	. Sulfates
C01G 9/08	. Sulfides
C01G 11/00	Compounds of cadmium
C01G 11/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 11/006	. {Compounds containing, besides cadmium, two or more other elements, with the exception of oxygen or hydrogen}
C01G 11/02	. Sulfides
C01G 13/00	Compounds of mercury
C01G 13/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 13/006	. {Compounds containing, besides mercury, two or more other elements, with the exception of oxygen or hydrogen}
C01G 13/02	. Oxides
C01G 13/04	. Halides
C01G 15/00	Compounds of gallium, indium or thallium
C01G 15/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 15/006	. {Compounds containing, besides gallium, indium, or thallium, two or more other elements, with the exception of oxygen or hydrogen}

C01G 17/00**Compounds of germanium**

C01G 17/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 17/006

. {Compounds containing, besides germanium, two or more other elements, with the exception of oxygen or hydrogen}

C01G 17/02

. Germanium dioxide

C01G 17/04

. Halides of germanium

C01G 19/00**Compounds of tin**

C01G 19/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 19/006

. {Compounds containing, besides tin, two or more other elements, with the exception of oxygen or hydrogen}

C01G 19/02

. Oxides

C01G 19/04

. Halides

C01G 19/06

.. Stannous chloride

C01G 19/08

.. Stannic chloride

C01G 21/00**Compounds of lead**

C01G 21/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 21/006

. {Compounds containing, besides lead, two or more other elements, with the exception of oxygen or hydrogen}

C01G 21/02

. Oxides

C01G 21/04

.. Lead suboxide (Pb_2O)

C01G 21/06

.. Lead monoxide (PbO)

C01G 21/08

.. Lead dioxide (PbO_2)

C01G 21/10

.. Red lead (Pb_3O_4)

C01G 21/12

. Hydroxides

C01G 21/14

. Carbonates

C01G 21/16

. Halides

C01G 21/18

. Nitrates

C01G 21/20

. Sulfates

C01G 21/21

. Sulfides

C01G 21/22

. Plumbates; Plumbites

C01G 23/00**Compounds of titanium** {(preparation of Ti-compounds from ores or scraps [C22B 34/12](#))}

C01G 23/001

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 23/002

. {Compounds containing, besides titanium, two or more other elements, with the exception of oxygen or hydrogen ([C01G 23/001](#) takes precedence)}

C01G 23/003

. {Titanates, e.g. titanates of two or more metals other than titanium ([C01G 23/001](#) takes precedence)}

C01G 23/005

.. {Alkali titanates}

C01G 23/006

.. {Alkaline earth titanates}

- C01G 23/007 . {Titanium sulfides ([C01G 23/001](#) takes precedence)}
- C01G 23/008 . {Titanium- and titanyl sulfate ([C01G 23/001](#) takes precedence)}
- C01G 23/02 . Halides of titanium
- C01G 23/022 .. {Titanium tetrachloride}
- C01G 23/024 ... {Purification of tetrachloride}
- C01G 23/026 .. {Titanium trichloride}
- C01G 23/028 .. {Titanium fluoride}
- C01G 23/04 . Oxides; Hydroxides
- C01G 23/043 .. {Titanium sub-oxides}
- C01G 23/047 .. Titanium dioxide
- C01G 23/0475 ... {Purification}
- C01G 23/053 ... Producing by wet processes, e.g. hydrolysing titanium salts
- C01G 23/0532 {by hydrolysing sulfate-containing salts}
- C01G 23/0534 {in the presence of seeds}
- C01G 23/0536 {by hydrolysing chloride-containing salts}
- C01G 23/0538 {in the presence of seeds}
- C01G 23/07 ... Producing by vapour phase processes, e.g. halide oxidation
- C01G 23/075 {Evacuation and cooling of the gaseous suspension containing the oxide;
Desacidification and elimination of gases occluded in the separated oxide}
- C01G 23/08 ... Drying; Calcining; {After treatment of titanium oxide}

C01G 25/00**Compounds of zirconium**

- C01G 25/003 . {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
- C01G 25/006 . {Compounds containing, besides zirconium, two or more other elements, with the exception of oxygen or hydrogen}
- C01G 25/02 . Oxides
- C01G 25/04 . Halides
- C01G 25/06 . Sulfates

C01G 27/00**Compounds of hafnium**

- C01G 27/003 . {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
- C01G 27/006 . {Compounds containing, besides hafnium, two or more other elements, with the exception of oxygen or hydrogen}
- C01G 27/02 . Oxides
- C01G 27/04 . Halides
- C01G 27/06 . Sulfates

C01G 28/00**Compounds of arsenic**

- C01G 28/001 . {Preparation involving a solvent-solvent extraction, an adsorption or an ion-exchange}
- C01G 28/002 . {Compounds containing, besides arsenic, two or more other elements, with the exception of oxygen or hydrogen ([C01G 28/001](#) takes precedence)}
- C01G 28/004 .. {containing halogen}

C01G 28/005	. {Oxides; Hydroxides; Oxyacids (C01G 28/001 takes precedence)}
C01G 28/007	. {Halides (C01G 28/001 takes precedence)}
C01G 28/008	. {Sulfides (C01G 28/001 takes precedence)}
C01G 28/02	. Arsenates; Arsenites {(C01G 28/001 takes precedence)}
C01G 28/023	.. {of ammonium, alkali or alkaline-earth metals or magnesium}
C01G 28/026	.. {containing at least two metals}
C01G 29/00	Compounds of bismuth
C01G 29/003	. {Preparations involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 29/006	. {Compounds containing, besides bismuth, two or more other elements, with the exception of oxygen or hydrogen}
C01G 30/00	Compounds of antimony
C01G 30/001	. {Preparation involving a solvent-solvent extraction, an adsorption or an ion-exchange}
C01G 30/002	. {Compounds containing, besides antimony, two or more other elements, with the exception of oxygen or hydrogen (C01G 30/001 takes precedence)}
C01G 30/003	.. {containing halogen}
C01G 30/004	. {Oxides; Hydroxides; Oxyacids (C01G 30/001 takes precedence)}
C01G 30/005	.. {Oxides}
C01G 30/006	. {Halides (C01G 30/001 takes precedence)}
C01G 30/007	.. {of binary type SbX_3 or SbX_5 with X representing a halogen, or mixed of the type $SbX_3X'2$ with X,X' representing different halogens}
C01G 30/008	. {Sulfides (C01G 30/001 takes precedence)}
C01G 30/02	. Antimonates; Antimonites {(C01G 30/001 takes precedence)}
C01G 30/023	.. {of ammonium, alkali or alkaline-earth metals or magnesium}
C01G 30/026	.. {containing at least two metals}
C01G 31/00	Compounds of vanadium
C01G 31/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 31/006	. {Compounds containing, besides vanadium, two or more other elements, with the exception of oxygen or hydrogen}
C01G 31/02	. Oxides
C01G 31/04	. Halides
C01G 33/00	Compounda of niobium
C01G 33/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 33/006	. {Compounds containing, besides niobium, two or more other elements, with the exception of oxygen or hydrogen}
C01G 35/00	Compounds of tantalum
C01G 35/003	. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
C01G 35/006	. {Compounds containing, besides tantalum, two or more other elements, with the exception of oxygen or hydrogen}
C01G 35/02	. Halides

C01G 37/00**Compounds of chromium**

C01G 37/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 37/006

. {Compounds containing, besides chromium, two or more other elements, with the exception of oxygen or hydrogen}

C01G 37/02

. Oxides or hydrates thereof

C01G 37/027

.. Chromium dioxide

C01G 37/033

.. Chromium trioxide; Chromic acid

C01G 37/04

. Chromium halides

C01G 37/06

.. Chromylhalides

C01G 37/08

. Chromium sulfates

C01G 37/10

.. Chrome alum

C01G 37/14

. Chromates; Bichromates

C01G 39/00**Compounds of molybdenum**

C01G 39/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 39/006

. {Compounds containing, besides molybdenum, two or more other elements, with the exception of oxygen or hydrogen}

C01G 39/02

. Oxides; Hydroxides

C01G 39/04

. Halides

C01G 39/06

. Sulfides

C01G 41/00**Compounds of tungsten**

C01G 41/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 41/006

. {Compounds containing, besides tungsten, two or more other elements, with the exception of oxygen or hydrogen}

C01G 41/02

. Oxides; Hydroxides

C01G 41/04

. Halides

C01G 43/00**Compounds of uranium**

C01G 43/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 43/006

. {Compounds containing, besides uranium, two or more other elements, with the exception of oxygen or hydrogen}

C01G 43/01

. Oxides; Hydroxides

C01G 43/025

.. Uranium dioxide

C01G 43/04

. Halides of uranium

C01G 43/06

.. Fluorides

C01G 43/063

... {Hexafluoride (UF₆)}

C01G 43/066

.... {Preparation}

C01G 43/08

.. Chlorides

C01G 43/10

.. Bromides

C01G 43/12

.. Iodides

C01G 45/00**Compounds of manganese**

C01G 45/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 45/006

. { Compounds containing, besides manganese, two or more other elements, with the exception of oxygen or hydrogen ([manganates, manganites or permanganates C01G 45/12](#))}

C01G 45/02

. Oxides; Hydroxides

C01G 45/04

. Carbonyls

C01G 45/06

. Halides

C01G 45/08

. Nitrates

C01G 45/10

. Sulfates

C01G 45/12

. Manganates { [manganites or](#) permanganates

C01G 45/1207

.. { [Permanganates \(\[MnO₄\]-\)](#) or manganates ([MnO₄]²⁻)

C01G 45/1214

... { [containing alkali metals](#)}

C01G 45/1221

.. { [Manganates or manganites with a manganese oxidation state of Mn\(III\), Mn\(IV\) or mixtures thereof](#)}

C01G 45/1228

... { [of the type \[MnO₂\]_n-](#) , e.g. LiMnO₂, Li[MxMn_{1-x}]O₂ }

C01G 45/1235

... { [of the type \[Mn₂O₄\]²⁻](#), e.g. Li₂Mn₂O₄, Li₂[MxMn_{2-x}]O₄ }

C01G 45/1242

... { [of the type \[Mn₂O₄\]-](#), e.g. LiMn₂O₄, Li[MxMn_{2-x}]O₄ }

C01G 45/125

... { [of the type \[MnO₃\]_n-](#), e.g. Li₂MnO₃, Li₂[MxMn_{1-x}]O₃], (La,Sr)MnO₃]

C01G 45/1257

.... { [containing lithium](#), e.g. Li₂MnO₃, Li₂[MxMn_{1-x}]O₃}

C01G 45/1264

.... { [containing rare earth](#), e.g. La_{1-x}CaxMnO₃, LaMnO₃}

C01G 45/1271

... { [of the type \[Mn₂O₈\]_n-](#), e.g. (LaSr₃)Mn₂O₈]

C01G 45/1278

... { [of the type \[Mn₂O₇\]_n-](#), e.g. (Sr_{2-x}Ndx)Mn₂O₇, Ti₂Mn₂O₇]

C01G 45/1285

... { [of the type \[Mn₂O₅\]_n-](#)]

C01G 45/1292

... { [of the type \[Mn₅O₁₂\]_n-](#)]**C01G 47/00****Compounds of rhenium**

C01G 47/003

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 47/006

. {Compounds containing, besides rhenium, two or more other elements, with the exception of oxygen or hydrogen}

C01G 49/00**Compounds of iron**

C01G 49/0009

. {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

C01G 49/0018

. {[Mixed oxides or hydroxides](#), e.g. ferrites ([C01G 49/0009 takes precedence](#))}

C01G 49/0027

.. {[containing one alkali metal](#)}

C01G 49/0036

.. {[containing one alkaline earth metal, magnesium or lead](#)}

C01G 49/0045

.. {[containing aluminium](#)}

C01G 49/0054

.. {[containing one rare earth metal, yttrium or scandium](#)}

C01G 49/0063

.. {[containing zinc](#)}

C01G 49/0072

.. {[containing manganese](#)}

C01G 49/0081

.. {[containing iron in unusual valence state \(IV, V, VI\)](#), e.g. ferrates}

- C01G 49/009 . {Compounds containing, besides iron, two or more other elements, with the exception of oxygen or hydrogen}
- C01G 49/02 . Oxides; Hydroxides {(C01G 49/0018 takes precedence)}
- C01G 49/04 . . Ferrous oxide (FeO)
- C01G 49/06 . . Ferric oxide (Fe₂O₃)
- C01G 49/08 . . Ferroso-ferric oxide (Fe₃O₄)
- C01G 49/10 . Halides {(C01G 49/0018 takes precedence)}
- C01G 49/12 . Sulfides {(C01G 49/0018 takes precedence)}
- C01G 49/14 . Sulfates {(C01G 49/0018 takes precedence)}
- C01G 49/16 . Carbonyls {(C01G 49/0018 takes precedence)}

C01G 51/00**Compounds of cobalt**

- C01G 51/003 . {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
- C01G 51/006 . {Compounds containing, besides cobalt, two or more other elements, with the exception of oxygen or hydrogen (cobaltates C01G 51/40)}
- C01G 51/02 . Carbonyls
- C01G 51/04 . Oxides; Hydroxides
- C01G 51/06 . Carbonates
- C01G 51/08 . Halides
- C01G 51/085 . . {Chlorides}
- C01G 51/10 . Sulfates
- C01G 51/12 . Complexes with ammonia
- C01G 51/30 . {Sulfides}
- C01G 51/40 . {Cobaltates}
- C01G 51/42 . . {containing alkali metals, e.g. LiCoO₂}
- C01G 51/44 . . . {containing manganese}
- C01G 51/50 {of the type [MnO₂]ⁿ⁻, e.g. Li(CoxMn_{1-x})O₂, Li(MyCoxMn_{1-x-y})O₂}
- C01G 51/52 {of the type [Mn₂O₄]²⁻, e.g. Li₂(CoxMn_{2-x})O₄, Li₂(MyCoxMn_{2-x-y})O₄}
- C01G 51/54 {of the type [Mn₂O₄]⁻, e.g. Li(CoxMn_{2-x})O₄, Li(MyCoxMn_{2-x-y})O₄}
- C01G 51/56 {of the type [MnO₃]²⁻, e.g. Li₂[CoxMn_{1-x}O₃], Li₂[MyCoxMn_{1-x-y}O₃]}
- C01G 51/58 {of the type [Mn₂O₈]ⁿ⁻}
- C01G 51/60 {of the type [Mn₂O₇]ⁿ⁻}
- C01G 51/62 {of the type [Mn₂O₅]ⁿ⁻}
- C01G 51/64 {of the type [Mn₅O₁₂]ⁿ⁻}
- C01G 51/66 . . {containing alkaline earth metals, e.g. SrCoO₃}
- C01G 51/68 . . . {containing rare earth, e.g. La_{0.3}Sr_{0.7}CoO₃}
- C01G 51/70 . . {containing rare earth, e.g. LaCoO₃ (C01G 51/68 takes precedence)}

C01G 53/00**Compounds of nickel**

- C01G 53/003 . {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

- C01G 53/006 . { Compounds containing, besides nickel, two or more other elements, with the exception of oxygen or hydrogen ([nickelates C01G 53/40](#))}
- C01G 53/02 . Carbonyls
- C01G 53/04 . Oxides; Hydroxides
- C01G 53/06 . Carbonates
- C01G 53/08 . Halides
- C01G 53/09 . . Chlorides
- C01G 53/10 . Sulfates
- C01G 53/11 . Sulfides
- C01G 53/12 . Complexes with ammonia
- C01G 53/40 . { [Nickelates](#)}

WARNING

Groups [C01G 53/40](#) to [C01G 53/70](#) are not complete pending a reorganisation, see also [C01G 53/006](#) and [C01G 53/00](#)

- C01G 53/42 . . { containing alkali metals, e.g. LiNiO_2 }
- C01G 53/44 . . . { containing manganese}
- C01G 53/50 { of the type $[\text{MnO}_2]_{n-}$, e.g. $\text{Li}(\text{NixMn}_{1-x})\text{O}_2$, $\text{Li}(\text{MyNixMn}_{1-x-y})\text{O}_2$ }
- C01G 53/52 { of the type $[\text{Mn}_2\text{O}_4]_{2-}$, e.g. $\text{Li}_2(\text{NixMn}_{2-x})\text{O}_4$, $\text{Li}_2(\text{MyNixMn}_{2-x-y})\text{O}_4$ }
- C01G 53/54 { of the type $[\text{Mn}_2\text{O}_4]_{-}$, e.g. $\text{Li}(\text{NixMn}_{2-x})\text{O}_4$, $\text{Li}(\text{MyNixMn}_{2-x-y})\text{O}_4$ }
- C01G 53/56 { of the type $[\text{MnO}_3]_{2-}$, e.g. $\text{Li}_2[\text{NixMn}_{1-x}\text{O}_3]$, $\text{Li}_2[\text{MyNixMn}_{1-x-y}\text{O}_3]$ }
- C01G 53/58 { of the type $[\text{Mn}_2\text{O}_8]_{n-}$ }
- C01G 53/60 { of the type $[\text{Mn}_2\text{O}_7]_{n-}$ }
- C01G 53/62 { of the type $[\text{Mn}_2\text{O}_5]_{n-}$ }
- C01G 53/64 { of the type $[\text{Mn}_5\text{O}_{12}]_{n-}$ }
- C01G 53/66 . . { containing alkaline earth metals, e.g. SrNiO_3 , SrNiO_2 }
- C01G 53/68 . . . { containing rare earth, e.g. $\text{La}_{1.62}\text{Sr}_{0.38}\text{NiO}_4$ }
- C01G 53/70 . . { containing rare earth, e.g. LaNiO_3 ([C01G 53/68](#) takes precedence)}

C01G 55/00

Compounds of ruthenium, rhodium, palladium, osmium, iridium, or platinum

- C01G 55/001 . {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
- C01G 55/002 . {Compounds containing, besides ruthenium, rhodium, palladium, osmium, iridium, or platinum, two or more other elements, with the exception of oxygen or hydrogen ([C01G 55/007](#) takes precedence)}
- C01G 55/004 . {Oxides; Hydroxides}
- C01G 55/005 . {Halides}
- C01G 55/007 . {Compounds containing at least one carbonyl group}
- C01G 55/008 . . {Carbonyls}

C01G 56/00

Compounds of transuranic elements

- C01G 56/001 . {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}

- C01G 56/002 . . {by adsorption or by ion-exchange on a solid support}
- C01G 56/003 . {Compounds comprising, besides transuranic elements, two or more other elements, with the exception of oxygen or hydrogen ([C01G 56/001](#) takes precedence)}
- C01G 56/004 . {Compounds of plutonium ([C01G 56/001](#) takes precedence)}
- C01G 56/005 . . {Oxides; Hydroxides}
- C01G 56/006 . . {Halides}
- C01G 56/007 . {Compounds of transuranic elements ([C01G 56/001](#) and [C01G 56/004](#) take precedence)}
- C01G 56/008 . . {Compounds of neptunium}
- C01G 56/009 . . {Compounds of americium}

- C01G 99/00** **Subject matter not provided for in other groups of this subclass**
- C01G 99/003 . {Preparation involving a liquid-liquid extraction, an adsorption or an ion-exchange}
- C01G 99/006 . {Compounds containing, besides a metal not provided for elsewhere in this subclass, two or more other elements other than oxygen or hydrogen ([C01G 99/003](#) takes precedence)}