

ECLA EUROPEAN CLASSIFICATION

C25C PROCESSES FOR THE ELECTROLYTIC PRODUCTION, RECOVERY OR REFINING OF METALS; APPARATUS THEREFOR

C25C1/00 Electrolytic production, recovery or refining of metals by electrolysis of solutions ([C25C5/00](#) takes precedence)

- C25C1/02 . of light metals
- C25C1/04 . . in mercury cathode cells
- C25C1/06 . or iron group metals, refractory metals or manganese
- C25C1/08 . . of nickel or cobalt
- C25C1/10 . . of chromium or manganese
- C25C1/12 . of copper
- C25C1/14 . of tin
- C25C1/16 . of zinc, cadmium or mercury
- C25C1/18 . of lead
- C25C1/20 . of noble metals
- C25C1/22 . of metals not provided for in groups [C25C1/02](#) to [C25C1/20](#)
- C25C1/24 . Alloys obtained by cathodic reduction of all their ions

C25C3/00 Electrolytic production, recovery or refining of metals by electrolysis of melts ([C25C5/00](#) takes precedence)

- C25C3/02 . of alkali or alkaline earth metals
- C25C3/04 . of magnesium
- C25C3/06 . of aluminium
- C25C3/08 . . Cell construction, e.g. bottoms, walls, cathodes
- C25C3/08B . . . [N: characterised by its non electrically conducting heat insulating parts]
- C25C3/10 . . . External supporting frames or structures
- C25C3/12 . . . Anodes
- C25C3/12B [N: based on carbon]
- C25C3/14 . . Devices for feeding or crust breaking
- C25C3/16 . . Electric current supply devices, e.g. bus bars
- C25C3/18 . . Electrolytes
- C25C3/20 . . Automatic control or regulation of cells ([controlling or regulating in general G05](#))

- C25C3/22 . . Collecting emitted gases
- C25C3/24 . . Refining
- C25C3/26 . of titanium, zirconium, hafnium, tantalum or vanadium
- C25C3/28 . . of titanium
- C25C3/30 . of manganese
- C25C3/32 . of chromium
- C25C3/34 . of metals not provided for in groups [C25C3/02](#) to [C25C3/32](#)
- C25C3/36 . Alloys obtained by cathodic reduction of all their ions

- C25C5/00 Electrolytic production, recovery or refining of metal powders or porous metal masses**
- C25C5/02 . from solutions
- C25C5/04 . from melts

- C25C7/00 Constructional parts, or assemblies thereof, of cells; Servicing or operating of cells (for the production of aluminium [C25C3/06](#) to [C25C3/22](#))**
- C25C7/00B . [N: of cells comprising at least an electrode made of particles ([C25C7/00D](#), [C25C7/02](#) to [C25C7/06](#) take precedence)]
- C25C7/00D . [N: of cells for the electrolysis of melts ([C25C7/02](#) to [C25C7/06](#) take precedence)]
- C25C7/00F . [N: of cells comprising at least a movable electrode ([C25C7/00B](#), [C25C7/02](#) to [C25C7/06](#) take precedence)] [N9503]
- C25C7/02 . Electrodes (consumable anodes for the refining the metals [C25C1/00](#) to [C25C5/00](#)); Connections thereof
- C25C7/02D . . [N: used in cells for the electrolysis of melts]
- C25C7/04 . Diaphragms; Spacing elements
- C25C7/06 . Operating or servicing
- C25C7/08 . . Separating of deposited metals from the cathode