

C25 ELECTROLYTIC OR ELECTROPHORETIC PROCESSES; APPARATUS THEREFOR (electrodialysis, electro-osmosis, separation of liquids by electricity B01D; working of metal by the action of a high concentration of electric current B23H; treatment of water, waste water or sewage by electrochemical methods C02F 1/46; surface treatment of metallic material or coating involving at least one process provided for in class C23 and at least one process covered by this class C23C 28/00, C23F 17/00; anodic or cathodic protection C23F; single-crystal growth C30B; metallising textiles D06M 11/83; decorating textiles by locally metallising D06Q 1/04; electrochemical methods of analysis G01N; electrochemical measuring, indicating or recording devices G01R; electrolytic circuit elements, e.g. capacitors, H01G; electrochemical current or voltage generators H01M) [4]

C25C PROCESSES FOR THE ELECTROLYTIC PRODUCTION, RECOVERY OR REFINING OF METALS; APPARATUS THEREFOR [2]

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| <p>1/00 Electrolytic production, recovery or refining of metals by electrolysis of solutions (C25C 5/00 takes precedence) [2]</p> <p>1/02 . of light metals [2]</p> <p>1/04 . . in mercury cathode cells [2]</p> <p>1/06 . of iron group metals, refractory metals or manganese [2]</p> <p>1/08 . . of nickel or cobalt [2]</p> <p>1/10 . . of chromium or manganese [2]</p> <p>1/12 . of copper [2]</p> <p>1/14 . of tin [2]</p> <p>1/16 . of zinc, cadmium or mercury [2]</p> <p>1/18 . of lead [2]</p> <p>1/20 . of noble metals [2]</p> <p>1/22 . of metals not provided for in groups C25C 1/02 C25C 1/20 [2]</p> <p>1/24 . Alloys obtained by cathodic reduction of all their ions [2]</p> <p>3/00 Electrolytic production, recovery or refining of metals by electrolysis of melts (C25C 5/00 takes precedence) [2]</p> <p>3/02 . of alkali or alkaline earth metals [2]</p> <p>3/04 . of magnesium [2]</p> <p>3/06 . of aluminium [2]</p> <p>3/08 . . Cell construction, e.g. bottoms, walls, cathodes [2]</p> <p>3/10 . . . External supporting frames or structures [2]</p> <p>3/12 . . . Anodes [2]</p> <p>3/14 . . Devices for feeding or crust breaking [2]</p> <p>3/16 . . Electric current supply devices, e.g. bus bars [2]</p> | <p>3/18 . . Electrolytes [2]</p> <p>3/20 . . Automatic control or regulation of cells (controlling or regulating in general G05) [2]</p> <p>3/22 . . Collecting emitted gases [2]</p> <p>3/24 . . Refining [2]</p> <p>3/26 . of titanium, zirconium, hafnium, tantalum or vanadium [2]</p> <p>3/28 . . of titanium [2]</p> <p>3/30 . of manganese [2]</p> <p>3/32 . of chromium [2]</p> <p>3/34 . of metals not provided for in groups C25C 3/02 C25C 3/32 [2]</p> <p>3/36 . Alloys obtained by cathodic reduction of all their ions [2]</p> <p>5/00 Electrolytic production, recovery or refining of metal powders or porous metal masses [2]</p> <p>5/02 . from solutions [2]</p> <p>5/04 . from melts [2]</p> <p>7/00 Constructional parts, or assemblies thereof, of cells; Servicing or operating of cells (for the production of aluminium C25C 3/06 C25C 3/22) [2]</p> <p>7/02 . Electrodes (consumable anodes for the refining of metals C25C 1/00 C25C 5/00); Connections thereof [2]</p> <p>7/04 . Diaphragms; Spacing elements [2]</p> <p>7/06 . Operating or servicing [2]</p> <p>7/08 . . Separating of deposited metals from the cathode [2]</p> |
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