

SECTION C — CHEMISTRY; METALLURGY

C25 ELECTROLYTIC OR ELECTROPHORETIC PROCESSES; APPARATUS THEREFOR

C25C PROCESSES FOR THE ELECTROLYTIC PRODUCTION, RECOVERY OR REFINING OF METALS; APPARATUS THEREFOR (anodic or cathodic protection C23F; single-crystal growth C30B) [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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