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 13/00; single-crystal growth C30B) [2]

1/00 Electrolytic production, recovery or refining of metals by electrolysis of solutions (C25C 5/00 takes precedence) **[2, 2006.01]**
1/02 • of light metals **[2, 2006.01]**
1/04 • • in mercury cathode cells **[2, 2006.01]**
1/06 • of iron group metals, refractory metals or manganese **[2, 2006.01]**
1/08 • • of nickel or cobalt **[2, 2006.01]**
1/10 • • of chromium or manganese **[2, 2006.01]**
1/12 • of copper **[2, 2006.01]**
1/14 • of tin **[2, 2006.01]**
1/16 • of zinc, cadmium or mercury **[2, 2006.01]**
1/18 • of lead **[2, 2006.01]**
1/20 • of noble metals **[2, 2006.01]**
1/22 • of metals not provided for in groups C25C 1/02-C25C 1/20 **[2, 2006.01]**
1/24 • Alloys obtained by cathodic reduction of all their ions **[2, 2006.01]**

3/00 Electrolytic production, recovery or refining of metals by electrolysis of melts (C25C 5/00 takes precedence) **[2, 2006.01]**
3/02 • of alkali or alkaline earth metals **[2, 2006.01]**
3/04 • of magnesium **[2, 2006.01]**
3/06 • of aluminium **[2, 2006.01]**
3/08 • • Cell construction, e.g. bottoms, walls, cathodes **[2, 2006.01]**
3/10 • • • External supporting frames or structures **[2, 2006.01]**
3/12 • • • Anodes **[2, 2006.01]**
3/14 • • Devices for feeding or crust breaking **[2, 2006.01]**
3/16 • • Electric current supply devices, e.g. bus bars **[2, 2006.01]**
3/18 • • Electrolytes **[2, 2006.01]**
3/20 • • Automatic control or regulation of cells (controlling or regulating in general G05) **[2, 2006.01]**
3/22 • • Collecting emitted gases **[2, 2006.01]**
3/24 • • Refining **[2, 2006.01]**
3/26 • of titanium, zirconium, hafnium, tantalum or vanadium **[2, 2006.01]**
3/28 • • of titanium **[2, 2006.01]**
3/30 • of manganese **[2, 2006.01]**
3/32 • of chromium **[2, 2006.01]**
3/34 • of metals not provided for in groups C25C 3/02-C25C 3/32 **[2, 2006.01]**
3/36 • Alloys obtained by cathodic reduction of all their ions **[2, 2006.01]**

5/00 Electrolytic production, recovery or refining of metal powders or porous metal masses [2, 2006.01]
5/02 • from solutions **[2, 2006.01]**
5/04 • from melts **[2, 2006.01]**

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, 2006.01]**
7/02 • Electrodes (consumable anodes for the refining of metals C25C 1/00-C25C 5/00); Connections thereof **[2, 2006.01]**
7/04 • Diaphragms; Spacing elements **[2, 2006.01]**
7/06 • Operating or servicing **[2, 2006.01]**
7/08 • • Separating of deposited metals from the cathode **[2, 2006.01]**