

CPC COOPERATIVE PATENT CLASSIFICATION

C CHEMISTRY; METALLURGY

(NOTES omitted)

METALLURGY

C25 ELECTROLYTIC OR ELECTROPHORETIC PROCESSES; APPARATUS THEREFOR

(NOTES omitted)

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

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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|-------------|---|-------------|---|
| 1/00 | Electrolytic production, recovery or refining of metals by electrolysis of solutions (C25C 5/00 takes precedence) | 3/34 | • of metals not provided for in groups C25C 3/02 - C25C 3/32 |
| 1/02 | • of light metals | 3/36 | • Alloys obtained by cathodic reduction of all their ions |
| 1/04 | • . in mercury cathode cells | 5/00 | Electrolytic production, recovery or refining of metal powders or porous metal masses |
| 1/06 | • or iron group metals, refractory metals or manganese | 5/02 | • from solutions |
| 1/08 | • . of nickel or cobalt | 5/04 | • from melts |
| 1/10 | • . of chromium or manganese | 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) |
| 1/12 | • of copper | 7/002 | • {of cells comprising at least an electrode made of particles (C25C 7/005 , C25C 7/02 - C25C 7/06 take precedence)} |
| 1/14 | • of tin | 7/005 | • {of cells for the electrolysis of melts (C25C 7/02 - C25C 7/06 take precedence)} |
| 1/16 | • of zinc, cadmium or mercury | 7/007 | • {of cells comprising at least a movable electrode (C25C 7/002 , C25C 7/02 - C25C 7/06 take precedence)} |
| 1/18 | • of lead | 7/02 | • Electrodes (consumable anodes for the refining the metals C25C 1/00 - C25C 5/00); Connections thereof |
| 1/20 | • of noble metals | 7/025 | • . {used in cells for the electrolysis of melts} |
| 1/22 | • of metals not provided for in groups C25C 1/02 - C25C 1/20 | 7/04 | • Diaphragms; Spacing elements |
| 1/24 | • Alloys obtained by cathodic reduction of all their ions | 7/06 | • Operating or servicing |
| 3/00 | Electrolytic production, recovery or refining of metals by electrolysis of melts (C25C 5/00 takes precedence) | 7/08 | • . Separating of deposited metals from the cathode |
| 3/02 | • of alkali or alkaline earth metals | | |
| 3/04 | • of magnesium | | |
| 3/06 | • of aluminium | | |
| 3/08 | • . Cell construction, e.g. bottoms, walls, cathodes | | |
| 3/085 | • . . {characterised by its non electrically conducting heat insulating parts} | | |
| 3/10 | • . . External supporting frames or structures | | |
| 3/12 | • . . Anodes | | |
| 3/125 | • . . . {based on carbon} | | |
| 3/14 | • . Devices for feeding or crust breaking | | |
| 3/16 | • . Electric current supply devices, e.g. bus bars | | |
| 3/18 | • . Electrolytes | | |
| 3/20 | • . Automatic control or regulation of cells (controlling or regulating in general G05) | | |
| 3/22 | • . Collecting emitted gases | | |
| 3/24 | • . Refining | | |
| 3/26 | • of titanium, zirconium, hafnium, tantalum or vanadium | | |
| 3/28 | • . of titanium | | |
| 3/30 | • of manganese | | |
| 3/32 | • of chromium | | |