

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