

# CPC COOPERATIVE PATENT CLASSIFICATION

## C CHEMISTRY; METALLURGY

(NOTES omitted)

### METALLURGY

#### C25 ELECTROLYTIC OR ELECTROPHORETIC PROCESSES; APPARATUS THEREFOR

(electrodialysis, electro-osmosis, separation of liquids by electricity [B01D](#); { separation of isotopes by electrochemical methods [B01D 59/38](#)}; 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](#))

(NOTES omitted)

#### C25F PROCESSES FOR THE ELECTROLYTIC REMOVAL OF MATERIALS FROM OBJECTS; APPARATUS THEREFOR

##### NOTE

In this subclass, in the absence of an indication to the contrary, classification is made in the last appropriate place.

##### 1/00 Electrolytic cleaning, degreasing, pickling or descaling

- 1/02 . Pickling; Descaling
- 1/04 . . in solution
- 1/06 . . . Iron or steel
- 1/08 . . . Refractory metals
- 1/10 . . . Actinides
- 1/12 . . in melts
- 1/14 . . . Iron or steel
- 1/16 . . . Refractory metals
- 1/18 . . . Actinides

##### 3/00 Electrolytic etching or polishing

- 3/02 . Etching
- 3/04 . . of light metals
- 3/06 . . of iron or steel
- 3/08 . . of refractory metals
- 3/10 . . of actinides
- 3/12 . . of semiconducting materials
- 3/14 . . locally
- 3/16 . Polishing
- 3/18 . . of light metals
- 3/20 . . . of aluminium
- 3/22 . . of heavy metals
- 3/24 . . . of iron or steel
- 3/26 . . . of refractory metals
- 3/28 . . . of actinides
- 3/30 . . of semiconducting materials

##### 5/00 Electrolytic stripping of metallic layers or coatings

##### 7/00 Constructional parts, or assemblies thereof, of cells for electrolytic removal of material from objects (for both electrolytic coating and removal [C25D](#)); Servicing or operating

- 7/02 . Regeneration of process liquids