

SECTION C — CHEMISTRY; METALLURGY

C23 COATING METALLIC MATERIAL; COATING MATERIAL WITH METALLIC MATERIAL; CHEMICAL SURFACE TREATMENT; DIFFUSION TREATMENT OF METALLIC MATERIAL; COATING BY VACUUM EVAPORATION, BY SPUTTERING, BY ION IMPLANTATION OR BY CHEMICAL VAPOUR DEPOSITION, IN GENERAL; INHIBITING CORROSION OF METALLIC MATERIAL OR INCRUSTATION IN GENERAL

C23G CLEANING OR DE-GREASING OF METALLIC MATERIAL BY CHEMICAL METHODS OTHER THAN ELECTROLYSIS (polishing compositions C09G; detergents in general C11D)

Note(s)

Processes using enzymes or micro-organisms in order to:

- i. liberate, separate or purify a pre-existing compound or composition, or to
- ii. treat textiles or clean solid surfaces of materials

are further classified in subclass C12S.

1/00 Cleaning or pickling metallic material with solutions or molten salts (with organic solvents C23G 5/02)

- 1/02 • with acid solutions
- 1/04 • • using inhibitors
- 1/06 • • • organic inhibitors
- 1/08 • • Iron or steel
- 1/10 • • Other heavy metals
- 1/12 • • Light metals
- 1/14 • with alkaline solutions
- 1/16 • • using inhibitors
- 1/18 • • • Organic inhibitors
- 1/19 • • Iron or steel **[4]**
- 1/20 • • Other heavy metals **[4]**
- 1/22 • • Light metals
- 1/24 • with neutral solutions
- 1/26 • • using inhibitors
- 1/28 • with molten salts
- 1/30 • • using inhibitors
- 1/32 • • Heavy metals
- 1/34 • • Light metals

- 1/36 • Regeneration of waste pickling liquors

3/00 Apparatus for cleaning or pickling metallic material (with organic solvents C23G 5/04)

- 3/02 • for cleaning wires, strips, filaments continuously
- 3/04 • for cleaning pipes

5/00 Cleaning or de-greasing metallic material by other methods; Apparatus for cleaning or de-greasing metallic material with organic solvents

Note(s)

In groups C23G 5/02-C23G 5/06, in the absence of an indication to the contrary, classification is made in the last appropriate place.

- 5/02 • using organic solvents
- 5/024 • • containing hydrocarbons **[4]**
- 5/028 • • containing halogenated hydrocarbons **[4]**
- 5/032 • • containing oxygen-containing compounds **[4]**
- 5/036 • • • having also nitrogen **[4]**
- 5/04 • • Apparatus
- 5/06 • using emulsions **[4]**