

Title (en)

Product for pickling surfaces of chromium-nickel steel or chromium steel and its use

Title (de)

Mittel zum Beizen der Oberfläche von Chromnickelstählen und Chromstählen sowie Verwendung des Mittels

Title (fr)

Produits de décapage de surfaces d'aciers au chromenickel ou d'aciers du chrome et leur utilisation

Publication

**EP 0596273 B1 19980506 (DE)**

Application

**EP 93116251 A 19931007**

Priority

DE 4237021 A 19921102

Abstract (en)

[origin: EP0596273A1] A product for pickling surfaces of chromium-nickel steels and chromium steels contains sulphuric acid, phosphoric acid or mixtures thereof and Fe(III) ions, the product additionally containing fluoboric acid. Using this product, it is possible to pickle surfaces of chromium-nickel steels and chromium steels in such a way that undesired oxide coatings, contaminations and tarnishing colours are removed. In the case of this product, the use of hydrofluoric acid or hydrofluoric acid in addition to nitric acid is unnecessary.

IPC 1-7

**C23G 1/08**; **C25D 1/06**

IPC 8 full level

**C23G 1/08** (2006.01); **C25D 1/06** (2006.01)

CPC (source: EP)

**C23G 1/086** (2013.01); **C23G 1/088** (2013.01); **C25D 1/06** (2013.01)

Citation (examination)

US 3010854 A 19611128 - SATTERFIELD WALTER R

Cited by

EP3269844A1; US8192556B2; US8430973B2; WO2004035861A1; WO2008107082A1; WO2005024099A1

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