

Title (en)

Chromating bath and process for finishing surfaces of zinc, zinc alloys or cadmium

Title (de)

Lösung und Verfahren zum Chromatieren zur Endbehandlung von Zink, Zinklegierungen oder Cadmium

Title (fr)

Bain de chromatisation et procédé pour la finition de surfaces de zinc, d'alliage de zinc, ou de cadmium

Publication

EP 0716163 A1 19960612 (FR)

Application

EP 95402602 A 19951120

Priority

FR 9414701 A 19941207

Abstract (en)

A chromating bath for anti-corrosion treatment of Zn, Zn alloy or Cd surfaces, esp. galvanised steel, comprises an aqueous soln. with a pH of 1-5 (pref. 1.2-1.8). The solution contains per litre 5-40 (pref. 7-15) g hexavalent Cr ions 5-20 (pref. 7-12) g sulphate ions, 0.1-0.3 (pref. 0.1-0.2) g Co ions, 0.1-0.65 (pref. 0.15-0.3) g Ag ions and 50-150 (pref. 70-120) ml of weak organic acid such as acetic, formic or oxalic acid.

Abstract (fr)

Procédé pour la finition de surfaces de zinc, d'alliage de zinc, ou de cadmium, consistant à mettre en contact les pièces à traiter d'abord avec un bain de chromatisation acide à base de sels de chrome, de cobalt et d'argent, puis avec un bain de finition comprenant une silice colloïdale, un inhibiteur de corrosion, un agent complexant, un agent tensio-actif et un colorant noir.

IPC 1-7

C23C 22/27; **C23C 22/30**; **C23C 22/84**

IPC 8 full level

C23C 22/27 (2006.01); **C23C 22/30** (2006.01); **C23C 22/84** (2006.01)

CPC (source: EP KR US)

C23C 22/27 (2013.01 - EP KR US); **C23C 22/30** (2013.01 - EP KR US); **C23C 22/84** (2013.01 - EP KR US)

Citation (applicant)

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- EP 0264472 A1 19880427 - PROCOAT S A FA [ES]

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0716163 A1 19960612; **EP 0716163 B1 19990120**; CA 2164555 A1 19960608; CA 2164555 C 20010911; DE 69507441 D1 19990304; DE 69507441 T2 19990715; ES 2128679 T3 19990516; FR 2727983 A1 19960614; FR 2727983 B1 19970124; JP H08218182 A 19960827; KR 100322935 B1 20020627; KR 960023236 A 19960718; US 5876517 A 19990302

DOCDB simple family (application)

EP 95402602 A 19951120; CA 2164555 A 19951206; DE 69507441 T 19951120; ES 95402602 T 19951120; FR 9414701 A 19941207; JP 31084295 A 19951129; KR 19950047170 A 19951206; US 95971397 A 19971028