

Title (en)

Aqueous passivating coating composition for zinc or zinc alloys and method for using same

Title (de)

Wässrige Reaktionslösung und Verfahren zur Passivierung von Zink- und Zinklegierungen

Title (fr)

Procédé et composition aqueuse pour la passivation du zinc ou des alliages à base de zinc

Publication

EP 1816234 B1 20090513 (DE)

Application

EP 06001930 A 20060131

Priority

EP 06001930 A 20060131

Abstract (en)

[origin: EP1816234A1] Aqueous reaction solution contains trivalent chromium ions and nicotinic acid, its salts and derivatives. An independent claim is also included for a method for passivating surfaces of workpieces made from zinc and zinc alloys.

IPC 8 full level

C23C 22/53 (2006.01); **C23C 22/34** (2006.01)

CPC (source: EP US)

C23C 22/17 (2013.01 - EP US); **C23C 22/34** (2013.01 - EP US); **C23C 22/53** (2013.01 - EP US); **C23C 22/84** (2013.01 - EP US); **C23C 2222/10** (2013.01 - EP US)

Cited by

EP3889318A1; WO2021198429A1; CN104141123A; DE102008044143A1; DE102008044143B4; CN115516134A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1816234 A1 20070808; EP 1816234 B1 20090513; AT E431442 T1 20090515; CA 2624215 A1 20070809; CA 2624215 C 20130702; CN 101356301 A 20090128; CN 101356301 B 20111228; DE 502006003710 D1 20090625; EP 1979507 A1 20081015; JP 2009525398 A 20090709; JP 5130226 B2 20130130; PL 1816234 T3 20091030; US 2009032146 A1 20090205; US 8262811 B2 20120911; WO 2007088030 A1 20070809

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EP 06001930 A 20060131; AT 06001930 T 20060131; CA 2624215 A 20070123; CN 200780001302 A 20070123; DE 502006003710 T 20060131; EP 07703155 A 20070123; EP 2007000805 W 20070123; JP 2008551736 A 20070123; PL 06001930 T 20060131; US 8679607 A 20070123