

Title (en)

Anti-corrosion treatment for conversion coatings

Title (de)

Korrosionsschutzbehandlung für Konversionsschichten

Title (fr)

Traitement anti-corrosion pour couches de conversion

Publication

EP 2014793 A3 20100602 (DE)

Application

EP 07011720 A 20070614

Priority

EP 07011720 A 20070614

Abstract (en)

[origin: EP2014793A2] Formation of a corrosion inhibiting coating involves contacting the surface to be treated with an aqueous solution (I) containing (a) trivalent chromium ions and (b) phosphate compound(s), at a weight ratio of (a) to (b) (calculated as orthophosphate) of 1:1.5-3.

IPC 8 full level

C23C 22/83 (2006.01)

CPC (source: EP KR US)

C23C 22/07 (2013.01 - KR); **C23C 22/83** (2013.01 - EP KR US); **C23C 2222/10** (2013.01 - EP KR US)

Citation (search report)

- [A] JP 2003293156 A 20031015 - JFE STEEL KK
- [A] DE 102005025830 A1 20061207 - HILLEBRAND WALTER GMBH & CO KG [DE]
- [X] DATABASE WPI Week 200511, Derwent World Patents Index; AN 2005-096020, XP002483258

Cited by

DE102013015114A1; DE102013015113A1; EP2276873A4; EP3569734A1; CN102459698A; KR20120044944A; US8999076B2; US8425692B2; WO2015036124A1; WO2019219403A1; WO2010138708A3; DE202013009813U1; DE202013010956U1; US8273190B2; US8425693B2; US8449695B2; EP2784188B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2014793 A2 20090114; **EP 2014793 A3 20100602**; **EP 2014793 B1 20131120**; CN 101720364 A 20100602; ES 2444406 T3 20140224; JP 2010529300 A 20100826; JP 5266317 B2 20130821; KR 20100038325 A 20100414; US 2010180793 A1 20100722; US 8435360 B2 20130507; WO 2008151829 A1 20081218

DOCDB simple family (application)

EP 07011720 A 20070614; CN 200880017265 A 20080613; EP 2008004793 W 20080613; ES 07011720 T 20070614; JP 2010511544 A 20080613; KR 20097027482 A 20080613; US 66400208 A 20080613