

Title (en)
PROCESS FOR COATING METALLIC SURFACES WITH A PASSIVATING AGENT

Title (de)
VERFAHREN ZUR BESCHICHTUNG VON METALLISCHEN OBERFLÄCHEN MIT EINEM PASSIVIERUNGSMITTEL

Title (fr)
PROCÉDÉ D ENDUCTION DE SURFACES MÉTALLIQUES AVEC UN AGENT DE PASSIVATION

Publication
EP 2255025 B2 20180718 (DE)

Application
EP 09719612 A 20090310

Priority
• EP 2009052767 W 20090310
• DE 102008000600 A 20080311

Abstract (en)
[origin: CA2718242A1] The invention relates to a process for coating metallic surfaces with an aqueous composition as solution or as dispersion, wherein the composition contains at least one phosphate, at least 3 g/l of at least one titanium or/and zirconium compound and at least one complexing agent, and also corresponding aqueous compositions. The coatings produced therewith display very good bare corrosion protection in the NSS salt spray test and in the condensate water constant temperature and humidity test.

IPC 8 full level
C23C 22/17 (2006.01); **C23C 22/36** (2006.01)

CPC (source: EP US)
C23C 22/17 (2013.01 - EP US); **C23C 22/361** (2013.01 - EP US); **C23C 22/362** (2013.01 - EP US); **C23C 22/364** (2013.01 - EP US); **C23C 2222/10** (2013.01 - EP US); **C23C 2222/20** (2013.01 - EP US); **Y10T 428/12667** (2015.01 - EP US)

Citation (opposition)
Opponent :
• US 2003188807 A1 20031009 - MEAGHER KEVIN K [US]
• WO 0071626 A1 20001130 - HENKEL KGAA [DE], et al
• WO 9504169 A1 19950209 - HENKEL CORP [US]
• US 2004009300 A1 20040115 - SHIMAKURA TOSHIKI [JP], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102008000600 A1 20090917; **DE 102008000600 B4 20100512**; AU 2009224757 A1 20090917; AU 2009224757 B2 20130829; CA 2718242 A1 20090917; CA 2718242 C 20170516; CN 102027157 A 20110420; CN 102027157 B 20130731; EP 2255025 A1 20101201; EP 2255025 B1 20150617; EP 2255025 B2 20180718; ES 2547119 T3 20151001; ES 2547119 T5 20181126; JP 2011517727 A 20110616; JP 5562261 B2 20140730; MX 2010009941 A 20101125; PL 2255025 T3 20151130; PL 2255025 T5 20181231; US 2011008645 A1 20110113; US 2017314137 A1 20171102; WO 2009112480 A1 20090917; ZA 201007246 B 20120125

DOCDB simple family (application)
DE 102008000600 A 20080311; AU 2009224757 A 20090310; CA 2718242 A 20090310; CN 200980116951 A 20090310; EP 09719612 A 20090310; EP 2009052767 W 20090310; ES 09719612 T 20090310; JP 2010550169 A 20090310; MX 2010009941 A 20090310; PL 09719612 T 20090310; US 201715654294 A 20170719; US 92164009 A 20090310; ZA 201007246 A 20101011