

Title (en)
MULTIFUNCTIONAL COATING OF ALUMINIUM PIECES

Title (de)
MULTIFUNKTIONELLE BESCHICHTUNG VON ALUMINIUMTEILEN

Title (fr)
REVÊTEMENT MULTIFONCTION DE PIÈCES EN ALUMINIUM

Publication
EP 2238280 A2 20101013 (DE)

Application
EP 09709239 A 20090107

Priority
• EP 2009050138 W 20090107
• DE 102008008055 A 20080208
• US 6514508 P 20080208

Abstract (en)
[origin: US2011120873A1] The invention relates to a method for application of a multifunctional coating to the surface of a workpiece made from aluminium or an aluminium alloy. The invention further relates to a workpiece, which may be produced by such a method.

IPC 8 full level
C25D 11/08 (2006.01); **C23C 22/56** (2006.01); **C23C 22/83** (2006.01); **C25D 11/16** (2006.01)

CPC (source: EP US)
C23C 22/56 (2013.01 - EP US); **C23C 22/83** (2013.01 - EP US); **C25D 11/08** (2013.01 - EP US); **C25D 11/16** (2013.01 - EP US)

Citation (search report)
See references of WO 2009098099A2

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2011120873 A1 20110526; US 9334577 B2 20160510; AT E548485 T1 20120315; BR PI0908415 A2 20180320; CA 2713558 A1 20090813; CN 101952488 A 20110119; DE 102008008055 B3 20090806; EP 2238280 A2 20101013; EP 2238280 B1 20120307; JP 2011511164 A 20110407; JP 5079103 B2 20121121; RU 2010134511 A 20120320; WO 2009098099 A2 20090813; WO 2009098099 A3 20100121

DOCDB simple family (application)
US 86605509 A 20090107; AT 09709239 T 20090107; BR PI0908415 A 20090107; CA 2713558 A 20090107; CN 200980104651 A 20090107; DE 102008008055 A 20080208; EP 09709239 A 20090107; EP 2009050138 W 20090107; JP 2010545419 A 20090107; RU 2010134511 A 20090107