

Title (en)

COATING AGENT FOR CORROSION-RESISTANT COATINGS

Title (de)

BESCHICHTUNGSMITTEL FÜR KORROSIONSSSTABILE LACKIERUNGEN

Title (fr)

PRODUIT DE REVÊTEMENT POUR PEINTURES RÉSISTANTES À LA CORROSION

Publication

EP 2393610 A1 20111214 (DE)

Application

EP 10700302 A 20100114

Priority

- EP 2010000146 W 20100114
- DE 102009007630 A 20090205

Abstract (en)

[origin: WO2010089015A1] The invention relates to a multilayer coating which comprises, superposed one on top of the other in the following order, (1) at least one first base coating from base coat (A), (2) preferably a second color and/or effect base coating from base coat (B) and (3) at least one transparent coating from clear coat (C), wherein the base coat (A) forming the first base coating comprises at least one binder (a.1), at least one color and/or effect pigment (a.2) and one corrosion-inhibiting low-molecular component (a.3) having an aromatic base (GK) which has at least two monodentate potentially anionic electrodonor ligands (L1) and (L2) that are covalently bound to (GK), and/or which has substituents (SU) covalently bound to the aromatic base (GK), said substituents having at least two covalently bound monodentate potentially anionic electrodonor ligands (L1) and (L2), the ligands (L1) and (L2) being still capable of complexing once the multilayer coating is thermally cured.

IPC 8 full level

B05D 7/00 (2006.01); **B05D 7/16** (2006.01)

CPC (source: EP US)

B05D 7/57 (2013.01 - EP US); **B05D 2202/00** (2013.01 - EP US); **Y10T 428/31551** (2015.04 - EP US); **Y10T 428/31786** (2015.04 - EP US)

Citation (search report)

See references of WO 2010089015A1

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 SM TR

DOCDB simple family (publication)

DE 102009007630 A1 20100812; CN 102292166 A 20111221; CN 102292166 B 20141203; EP 2393610 A1 20111214; EP 2393610 B1 20140430; ES 2467700 T3 20140612; JP 2012516766 A 20120726; JP 5575151 B2 20140820; US 2012128989 A1 20120524; WO 2010089015 A1 20100812

DOCDB simple family (application)

DE 102009007630 A 20090205; CN 201080005599 A 20100114; EP 10700302 A 20100114; EP 2010000146 W 20100114; ES 10700302 T 20100114; JP 2011548563 A 20100114; US 201013146022 A 20100114