

Title (en)

CO-CURE PROCESS FOR AUTODEPOSITION COATING

Title (de)

KO-HÄRTUNGSVERFAHREN FÜR EINE SELBSTABLAGERNDE BESCHICHTUNG

Title (fr)

PROCÉDÉ DE DURCISSEMENT CONJOINT POUR REVÊTEMENT D'AUTO-DÉPOSITION

Publication

EP 2234734 A2 20101006 (EN)

Application

EP 09700628 A 20090106

Priority

- US 2009000045 W 20090106
- US 1964308 P 20080108

Abstract (en)

[origin: WO2009088993A2] A coated article comprising a metal surface, a first layer of an uncured autodeposition coating and a second uncured paint layer deposited sequentially on the surface without intermediate curing of the autodeposition coating, a process of co-curing said autodeposition coating and paint layer or layers, and a cured coated article having chemical bonds between the cured autodeposition coating layer and at least the cured paint layer immediately adjacent to the cured autodeposition coating layer.

IPC 8 full level

B05D 7/14 (2006.01); **B05D 3/10** (2006.01); **B05D 7/00** (2006.01); **C23C 28/00** (2006.01); **C23F 11/00** (2006.01)

CPC (source: EP)

B05D 3/0254 (2013.01); **B05D 7/142** (2013.01); **B05D 7/542** (2013.01); **B05D 1/36** (2013.01); **B05D 7/544** (2013.01); **B05D 2202/10** (2013.01)

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)

WO 2009088993 A2 20090716; **WO 2009088993 A3 20090924**; BR PI0906510 A2 20150714; CA 2733084 A1 20090716;
CA 2733084 C 20180123; CN 101939115 A 20110105; CN 101939115 B 20141231; CN 104289405 A 20150121; CN 104289405 B 20160914;
EP 2234734 A2 20101006; EP 2234734 A4 20150826; JP 2011509184 A 20110324; JP 5773653 B2 20150902

DOCDB simple family (application)

US 2009000045 W 20090106; BR PI0906510 A 20090106; CA 2733084 A 20090106; CN 200980104630 A 20090106;
CN 201410529278 A 20090106; EP 09700628 A 20090106; JP 2010542258 A 20090106