Title (en)

METHOD FOR IMPROVING THE CORROSION RESISTANCE AND LIGHTFASTNESS OF PAINTED ALUMINUM OXIDE LAYERS

Title (de)

VERFAHREN ZUR VERBESSERUNG DER KORROSIONSBESTÄNDIGKEIT UND LICHTECHTHEIT VON GEFÄRBTEN ALUMINIUMOXIDSCHICHTEN

Title (fr)

PROCEDE POUR AMELIORER LA RESISTANCE A LA CORROSION ET LA SOLIDITE A LA LUMIERE DE COUCHES D'OXYDE D'ALUMINIUM COLOREES

Publication

EP 1943375 A2 20080716 (DE)

Application

EP 06792425 A 20061013

Priority

- EP 2006009907 W 20061013
- DE 102005051755 A 20051027

Abstract (en)

[origin: WO2007048513A2] Disclosed is a method for producing corrosion-resistant, painted oxide layers on aluminum or aluminum alloys. According to said method, a polysilazane solution is applied to a dry oxide layer that is painted with a water-soluble, anionic color, and the coating is then hardened at a temperature ranging from 40 to 150^oC.

IPC 8 full level

C25D 11/24 (2006.01); **C09D 183/16** (2006.01)

CPC (source: EP KR US)

C09D 183/16 (2013.01 - EP US); **C25D 11/24** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2007048513A2

Citation (examination)

MOLLER T ET AL: "Solar selective properties of electrodeposited thin layers on aluminium", SOLAR ENERGY MATERIALS AND SOLAR CELLS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 54, no. 1-4, 1 July 1998 (1998-07-01), pages 397 - 403, XP004148910, ISSN: 0927-0248, DOI: 10.1016/S0927-0248(98)00091-9

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DOCDB simple family (application)

EP 2006009907 W 20061013; AR P060104657 A 20061025; CA 2627399 A 20061013; DE 102005051755 A 20051027; EP 06792425 A 20061013; JP 2008536970 A 20061013; KR 20087012512 A 20080526; TW 95131784 A 20060829; US 8419106 A 20061013