

Title (en)

METHOD FOR APPLYING INTEGRATED PRE-TREATMENT LAYERS CONTAINING DICARBOXYLIC ACID OLEFIN COPOLYMERS TO METALLIC SURFACES

Title (de)

VERFAHREN ZUM AUFBRINGEN VON DICARBONSAEURE-OLEFIN-COPOLYMERE ENTHALTENDEN, INTEGRIERTEN VORBEHANDLUNGSSCHICHTEN AUF METALLISCHE OBERFLAECHE

Title (fr)

PROCEDE POUR APPLIQUER DES COUCHES INTEGREES CONTENANT DES COPOLYMERES A BASE D'ACIDE DICARBOXYLIQUE ET D'OLEFINE SUR DES SURFACES METALLIQUES

Publication

**EP 1844113 A2 20071017 (DE)**

Application

**EP 06707823 A 20060124**

Priority

- EP 2006050415 W 20060124
- DE 102005004292 A 20050128
- DE 102005061317 A 20051220

Abstract (en)

[origin: WO2006079628A2] The invention relates to a method for applying integrated pre-treatment layers with a thickness of between 1 and 25 µm to metallic surfaces, especially the surfaces of strip metals, by treatment with a composition containing at least one binding agent, a cross-linking agent, a fine-particle inorganic filler, and a dicarboxylic acid olefin copolymer. The invention also relates to metallic moulded bodies provided with one such integrated pre-treatment layer, and a formulation for carrying out the method.

IPC 8 full level

**C08F 8/34** (2006.01); **C08F 222/06** (2006.01); **C09D 5/08** (2006.01); **C09D 133/02** (2006.01); **C09D 133/06** (2006.01); **C09D 135/02** (2006.01)

CPC (source: EP KR US)

**C08F 8/12** (2013.01 - EP US); **C08F 8/32** (2013.01 - EP US); **C08F 8/34** (2013.01 - EP US); **C08F 8/44** (2013.01 - EP US); **C08F 22/36** (2013.01 - KR); **C09D 5/08** (2013.01 - KR); **C09D 5/082** (2013.01 - EP US); **C09D 123/24** (2013.01 - EP US); **C09D 133/064** (2013.01 - EP US); **C09D 135/00** (2013.01 - EP US); **C23F 11/14** (2013.01 - KR); **C23F 14/02** (2013.01 - KR); **C08F 2800/10** (2013.01 - EP US); **C08F 2800/20** (2013.01 - EP US); **C08L 33/04** (2013.01 - EP US); **C08L 2312/00** (2013.01 - EP US); **Y10T 428/265** (2015.01 - EP US)

Citation (search report)

See references of WO 2006079628A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006079628 A2 20060803**; **WO 2006079628 A3 20061207**; BR PI0607291 A2 20100323; CA 2595969 A1 20060803; EP 1844113 A2 20071017; JP 2008528267 A 20080731; KR 20070112147 A 20071122; MX 2007009083 A 20070911; US 2008171195 A1 20080717

DOCDB simple family (application)

**EP 2006050415 W 20060124**; BR PI0607291 A 20060124; CA 2595969 A 20060124; EP 06707823 A 20060124; JP 2007552634 A 20060124; KR 20077019682 A 20070828; MX 2007009083 A 20060124; US 81499506 A 20060124