

Title (en)  
UV-CURABLE UNDERCOAT

Title (de)  
UV-HÄRTBARE GRUNDIERUNG

Title (fr)  
COUCHE DE FOND DURCISSABLE AUX UV

Publication  
**EP 2013294 A1 20090114 (DE)**

Application  
**EP 07728610 A 20070427**

Priority  
• EP 2007054155 W 20070427  
• DE 102006020263 A 20060427

Abstract (en)  
[origin: DE102007020468A1] UV-curable primer (I) comprises barium sulfate with an average particle size of 550-950 nm, preferably 650-750 nm. Independent claims are included for: (1) a procedure for preparing UV-curable primer comprising adding and processing a coating composition based on acrylate, preferably epoxyacrylate, urethane acrylate or mixture of acrylate and barium sulfate; (2) an UV-curable primer obtained by the above process; (3) a procedure for coating surfaces with an UV-curable primer comprising applying the UV-curable primer on a surface of the substrate; and (4) use of UV-curable primer or coated substrate in civil engineering as attachment part for roofs and storefronts, partition and ceiling element, shop fittings, cupboards, shelves, household appliances, machine panel, doors, gates, shiners and wheel rims; and as attachment part of automobile state coach and caravan.

IPC 8 full level  
**C09D 5/00** (2006.01); **C09D 5/08** (2006.01); **C09D 7/12** (2006.01)

CPC (source: EP US)  
**C09D 5/002** (2013.01 - EP US); **C09D 5/084** (2013.01 - EP US); **Y10T 428/13** (2015.01 - EP US); **Y10T 428/1352** (2015.01 - EP US); **Y10T 428/258** (2015.01 - EP US); **Y10T 428/2982** (2015.01 - EP US); **Y10T 428/31678** (2015.04 - EP US); **Y10T 428/31681** (2015.04 - EP US); **Y10T 428/31688** (2015.04 - EP US); **Y10T 428/31692** (2015.04 - EP US)

Citation (search report)  
See references of WO 2007125099A1

Citation (examination)  
US 5182786 A 19930126 - KINAGA YOSHIMASA [JP], et al

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**DE 102007020468 A1 20071031**; BR PI0710795 A2 20110621; BR PI0710865 A2 20110621; CA 2650476 A1 20071108; CA 2650476 C 20141007; CA 2650477 A1 20071108; CA 2650477 C 20141014; EP 2013293 A1 20090114; EP 2013294 A1 20090114; US 2009169783 A1 20090702; US 2010291327 A1 20101118; US 8114513 B2 20120214; WO 2007125098 A1 20071108; WO 2007125099 A1 20071108

DOCDB simple family (application)  
**DE 102007020468 A 20070427**; BR PI0710795 A 20070427; BR PI0710865 A 20070427; CA 2650476 A 20070427; CA 2650477 A 20070427; EP 07728608 A 20070427; EP 07728610 A 20070427; EP 2007054153 W 20070427; EP 2007054155 W 20070427; US 29563407 A 20070427; US 29563707 A 20070427