

Title (en)

HEAT-CURABLE POWDER COATING COMPOSITIONS, WHICH AFTER THE COATING HAS CURED RESULT IN A MATT SURFACE AND SIMPLE METHOD FOR PRODUCING SAME

Title (de)

BEI HITZE HÄRTENDE PULVERLACKZUSAMMENSETZUNGEN, WELCHE NACH AUSHÄRTUNG DER BESCHICHTUNG ZU EINER MATTEN OBERFLÄCHE FÜHREN, SOWIE EIN EINFACHES VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

COMPOSITIONS DE PEINTURES PULVÉRULENTES THERMODURCISSABLES PERMETTANT D'OBTENIR UNE SURFACE MATTE APRÈS DURCISSEMENT DU REVÊTEMENT, ET PROCÉDÉ SIMPLE POUR LES PRODUIRE

Publication

EP 2545115 A1 20130116 (DE)

Application

EP 11707677 A 20110310

Priority

- DE 102010002785 A 20100311
- EP 2011053639 W 20110310

Abstract (en)

[origin: US2011224378A1] The invention relates to heat-curing powder-lacquer compositions exhibiting a matte surface after curing of the coating, as well as to a simple method for production of the same.

IPC 8 full level

C08K 5/20 (2006.01); **C09D 7/80** (2018.01)

CPC (source: EP KR US)

C08G 59/4246 (2013.01 - EP KR US); **C08G 59/46** (2013.01 - EP KR US); **C08K 5/20** (2013.01 - KR); **C08L 63/00** (2013.01 - EP KR US); **C09D 5/032** (2013.01 - EP KR US); **C09D 133/00** (2013.01 - EP KR US); **C09D 133/08** (2013.01 - KR US); **C09D 163/00** (2013.01 - EP KR US); **C09D 167/00** (2013.01 - EP KR US); **C08K 5/20** (2013.01 - EP US); **Y10T 428/3179** (2015.04 - EP US)

Citation (search report)

See references of WO 2011110640A1

Citation (examination)

- EP 1382645 A1 20040121 - DEGUSSA [DE]
- JUNG H-R ET AL: "Preparation and properties of N1,N1,N4,N4-tetrakis(hydroxyethyl)cyclohexane-trans-1,4-dicarboxamide as a crosslinker of polyester powder coatings", KONGOP-HWAHAK = APPLIED CHEMISTRY FOR ENGINEERING : ACE, HAN'GUK KONGOP HWAHAKHOE, KOREAN SOCIETY OF INDUSTRIAL AND ENGINEERING CHEMISTRY, KR, vol. 20, no. 2, 1 April 2009 (2009-04-01), pages 195 - 200, XP009148131, ISSN: 1225-0112

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

US 2011224378 A1 20110915; US 8476376 B2 20130702; AU 2011226101 A1 20120823; AU 2011226101 B2 20140306; BR 112012022874 A2 20180605; CN 102782032 A 20121114; CN 102782032 B 20141224; DE 102011005369 A1 20110915; EP 2545115 A1 20130116; HK 1177945 A1 20130830; JP 2013522383 A 20130613; JP 5730336 B2 20150610; KR 20130039715 A 20130422; MX 2012010450 A 20121205; RU 2012143306 A 20140420; US 2011288202 A1 20111124; US 2013041103 A1 20130214; US 2014316056 A1 20141023; US 8524837 B2 20130903; US 9096774 B2 20150804; WO 2011110640 A1 20110915

DOCDB simple family (application)

US 72304510 A 20100312; AU 2011226101 A 20110310; BR 112012022874 A 20110310; CN 201180013491 A 20110310; DE 102011005369 A 20110310; EP 11707677 A 20110310; EP 2011053639 W 20110310; HK 13105684 A 20130513; JP 2012556525 A 20110310; KR 20127023598 A 20110310; MX 2012010450 A 20110310; RU 2012143306 A 20110310; US 201113045141 A 20110310; US 201113583252 A 20110310; US 201313903251 A 20130528