

Title (en)
USE OF SURFACE-MODIFIED EFFECT PIGMENTS IN A SOLVENT-FREE COATING AGENT, SOLVENT-FREE COATING AGENT AND COATED OBJECT

Title (de)
VERWENDUNG OBERFLÄCHENMODIFIZierter EFFEKTPIGMENTE IN EINEM LÖSEMITTELFREIEN BESCHICHTUNGSMITTEL, LÖSEMITTELFREIES BESCHICHTUNGSMITTEL UND BESCHICHTETER GEGENSTAND

Title (fr)
UTILISATION DE PIGMENTS À EFFET À SURFACE MODIFIÉE, DANS UN AGENT DE REVÊTEMENT EXEMPT DE SOLVANT, AGENT DE REVÊTEMENT EXEMPT DE SOLVANT ET OBJET REVÊTU

Publication
EP 2576702 A1 20130410 (DE)

Application
EP 11724151 A 20110525

Priority
• DE 102010021530 A 20100526
• EP 2011058593 W 20110525

Abstract (en)
[origin: WO2011147892A1] The present invention relates to the use of surface-modified effect pigments in a solvent-free coating agent, the surface-modified effect pigments having a platelet-shaped substrate and at least one dielectric layer, wherein at least one optional protection layer can be disposed on the at least one dielectric layer, and the effect pigments are surface-modified by means of at least one compound containing epoxide groups, under the proviso that the at least one compound containing epoxide groups contains no silicon atoms. The invention also relates to a powder coating material which comprises said surface-modified effect pigments, and to an object coated with a powder coating material comprising said surface-modified effect pigments.

IPC 8 full level
C09C 1/00 (2006.01)

CPC (source: EP)
C09C 1/0015 (2013.01); **C09C 1/0021** (2013.01); **C01P 2004/61** (2013.01); **C09C 2200/1004** (2013.01); **C09C 2200/102** (2013.01); **C09C 2200/1054** (2013.01); **C09C 2200/401** (2013.01); **C09C 2200/402** (2013.01)

Citation (search report)
See references of WO 2011147892A1

Cited by
WO2017178610A1; EP3738577A1; US11111390B2; EP3034566A1; US10759941B2; EP3034564A1; US10934436B2; US11202739B2; EP3034562A1; US10391043B2; US10799432B2; EP3034563A1; US10947391B2; US11617707B2

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)
DE 102010021530 A1 20111201; EP 2576702 A1 20130410; WO 2011147892 A1 20111201

DOCDB simple family (application)
DE 102010021530 A 20110525; EP 11724151 A 20110525; EP 2011058593 W 20110525