

Title (en)

PLATE-SHAPED PIGMENT CONTAINING METAL OXIDE, METHOD FOR PRODUCING SAME, AND USE THEREOF AS AN EFFECT PIGMENT AND/OR AS A SUBSTRATE FOR EFFECT PIGMENTS

Title (de)

PLÄTTCHENFÖRMIGES METALLOXIDHALTIGES PIGMENT, VERFAHREN ZU DESSEN HERSTELLUNG UND VERWENDUNG DESSELBEN ALS EFFEKTPIGMENT UND/ODER ALS SUBSTRAT FÜR EFFEKTPIGMENTE

Title (fr)

PIGMENT LAMELLAIRE CONTENANT DE L'OXYDE MÉTALLIQUE, SON PROCÉDÉ DE FABRICATION ET SON UTILISATION COMME PIGMENT À EFFET ET/OU COMME SUBSTRAT POUR PIGMENTS À EFFET

Publication

EP 2678393 A1 20140101 (DE)

Application

EP 12708100 A 20120223

Priority

- DE 102011012214 A 20110223
- EP 2012053104 W 20120223

Abstract (en)

[origin: WO2012113886A1] The invention relates to a plate-shaped pigment containing metal oxide, wherein the pigment containing metal oxide has a metal core made of elemental aluminum and/or an aluminum alloy, wherein the metal core is has a weight fraction in a range of 0 to 18 wt % relative to the total weight of aluminum and/or aluminum alloy and of metal oxide in the form of aluminum oxide and/or oxide of the aluminum alloy, wherein the aluminum and/or the aluminum alloy forms a core coated with aluminum oxide and/or the oxide of the aluminum alloy, with the stipulation that the aluminum alloy has an aluminum content of at least 60 wt % relative to the total weight of the aluminum alloy. The invention further relates to a method for producing said pigments and to the use of said pigments.

IPC 8 full level

C09C 1/64 (2006.01); **C09C 1/00** (2006.01)

CPC (source: EP)

A61K 8/0254 (2013.01); **A61K 8/26** (2013.01); **A61Q 1/02** (2013.01); **C09C 1/0051** (2013.01); **A61K 2800/412** (2013.01); **A61K 2800/436** (2013.01); **A61K 2800/651** (2013.01); **C01P 2004/20** (2013.01); **C01P 2004/61** (2013.01); **C01P 2006/12** (2013.01); **C01P 2006/62** (2013.01); **C01P 2006/80** (2013.01); **C09C 2200/1054** (2013.01); **C09C 2200/1058** (2013.01); **C09C 2200/20** (2013.01); **C09C 2220/10** (2013.01)

Citation (search report)

See references of WO 2012113886A1

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 102011012214 A1 20120823; EP 2678393 A1 20140101; WO 2012113886 A1 20120830

DOCDB simple family (application)

DE 102011012214 A 20110223; EP 12708100 A 20120223; EP 2012053104 W 20120223