

Title (en)

TRANSPARENT, ELECTRICALLY SEMICONDUCTING INTERFERENCE PIGMENTS WITH HIGH COLOR STRENGTH

Title (de)

TRANSPARENTE, ELEKTRISCH HALBLEITFÄHIGE INTERFERENZPIGMENTE MIT HOHER FARBSTÄRKE

Title (fr)

PIGMENTS D'INTERFÉRENCE ÉLECTRIQUEMENT SEMI-CONDUCTEURS, TRANSPARENTS ET AU FORT POUVOIR COLORANT

Publication

EP 3010979 A1 20160427 (DE)

Application

EP 14728828 A 20140528

Priority

- EP 13003084 A 20130617
- EP 2014001435 W 20140528
- EP 14728828 A 20140528

Abstract (en)

[origin: WO2014202179A1] The present invention relates to transparent, electrically semiconducting interference pigments with high color strength, and in particular platelet-shaped interference pigments, which have an oxygen-deficient TiO₂-X layer, to a method for producing said pigments and to the use of the pigments produced in this way.

IPC 8 full level

C01G 23/04 (2006.01); **C09C 1/00** (2006.01); **C09C 1/36** (2006.01)

CPC (source: EP RU US)

C01G 23/04 (2013.01 - US); **C01G 23/043** (2013.01 - EP US); **C09C 1/00** (2013.01 - RU); **C09C 1/0018** (2013.01 - EP US); **C09C 1/0021** (2013.01 - EP US); **C09C 1/0027** (2013.01 - EP US); **C09C 1/36** (2013.01 - EP RU US); **C23C 16/56** (2013.01 - US); **C01P 2002/54** (2013.01 - EP US); **C01P 2004/54** (2013.01 - EP US); **C01P 2006/40** (2013.01 - EP US); **C01P 2006/62** (2013.01 - EP US); **C01P 2006/63** (2013.01 - EP US); **C01P 2006/64** (2013.01 - EP US); **C09C 2200/1004** (2013.01 - US); **C09C 2200/102** (2013.01 - EP US); **C09C 2200/301** (2013.01 - EP US); **C09C 2200/303** (2013.01 - EP US); **C09C 2200/304** (2013.01 - EP US); **C09C 2200/308** (2013.01 - EP US); **C09C 2200/505** (2013.01 - US); **C09C 2220/106** (2013.01 - EP US); **C09C 2220/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2014202179A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014202179 A1 20141224; AU 2014283735 A1 20160211; AU 2014283735 B2 20170622; CN 105308127 A 20160203; CN 105308127 B 20180323; EP 3010979 A1 20160427; JP 2016528316 A 20160915; JP 6608813 B2 20191120; KR 20160020549 A 20160223; MX 2015017041 A 20160421; RU 2016101117 A 20170720; RU 2658842 C2 20180625; US 2016137846 A1 20160519; US 9850384 B2 20171226

DOCDB simple family (application)

EP 2014001435 W 20140528; AU 2014283735 A 20140528; CN 201480034214 A 20140528; EP 14728828 A 20140528; JP 2016520303 A 20140528; KR 20167001228 A 20140528; MX 2015017041 A 20140528; RU 2016101117 A 20140528; US 201414899314 A 20140528