

Title (en)

METHOD OF SURFACE TREATMENT OF MICRO/NANOPARTICLES BY CHEMICAL MEANS AND ITS APPLICATION TO OBTAINING A PIGMENT COMPOSITION INTENDED FOR THE FIELD OF COSMETICS, PAINT OR INKS

Title (de)

VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG VON MIKRO-/NANOPARTIKELN DURCH CHEMISCHE MITTEL UND SEINE ANWENDUNG ZUR HERSTELLUNG EINER PIGMENTZUSAMMENSETZUNG FÜR DIE KOSMETIK, LACKE ODER TINTEN

Title (fr)

PROCEDE DE TRAITEMENT DE SURFACE DE MICRO/NANOParticules PAR VOIE CHIMIQUE ET SON APPLICATION A L'OBTENTION DE COMPOSITION DE PIGMENT DESTINEE AU DOMAINE DE LA COSMETIQUE, DE LA PEINTURE OU DES ENCRES

Publication

**EP 2764058 A1 20140813 (FR)**

Application

**EP 12768866 A 20121005**

Priority

- FR 1159001 A 20111005
- EP 2012069772 W 20121005

Abstract (en)

[origin: WO2013050560A1] The subject matter of the invention is a method of surface modification of a pigment or of a composite pigment comprising at least a metal oxide, a metal complex or a derivative thereof, and the use of these pigments or composite pigments thus obtained for cosmetics, paint or inks.

IPC 8 full level

**C09C 1/04** (2006.01); **C09C 1/24** (2006.01); **C09C 1/26** (2006.01); **C09C 1/32** (2006.01); **C09C 1/34** (2006.01); **C09C 1/36** (2006.01);  
**C09C 3/08** (2006.01); **C09D 1/00** (2006.01); **C09D 7/62** (2018.01)

CPC (source: EP US)

**A61K 8/0241** (2013.01 - EP US); **A61K 8/19** (2013.01 - EP US); **A61K 8/25** (2013.01 - EP US); **A61K 8/27** (2013.01 - EP US);  
**A61K 8/29** (2013.01 - EP US); **A61K 8/55** (2013.01 - US); **A61Q 1/02** (2013.01 - EP US); **A61Q 1/06** (2013.01 - US); **A61Q 1/10** (2013.01 - US);  
**B82Y 30/00** (2013.01 - EP US); **C09C 1/043** (2013.01 - EP US); **C09C 1/24** (2013.01 - EP US); **C09C 1/26** (2013.01 - EP US);  
**C09C 1/32** (2013.01 - EP US); **C09C 1/346** (2013.01 - EP US); **C09C 1/3661** (2013.01 - EP US); **C09C 1/3669** (2013.01 - EP US);  
**C09C 3/08** (2013.01 - EP US); **C09D 7/62** (2017.12 - EP US); **A61K 2800/412** (2013.01 - EP US); **A61K 2800/413** (2013.01 - EP US);  
**A61K 2800/612** (2013.01 - EP US); **C01P 2004/10** (2013.01 - EP US); **C01P 2004/32** (2013.01 - EP US); **C01P 2004/61** (2013.01 - EP US);  
**C01P 2004/62** (2013.01 - EP US); **C01P 2004/64** (2013.01 - EP US)

Citation (search report)

See references of WO 2013050560A1

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)

**WO 2013050560 A1 20130411**; EP 2764058 A1 20140813; FR 2981082 A1 20130412; FR 2981082 B1 20150116; US 2014255459 A1 20140911

DOCDB simple family (application)

**EP 2012069772 W 20121005**; EP 12768866 A 20121005; FR 1159001 A 20111005; US 201214349963 A 20121005