

Title (en)
METHOD FOR PRODUCING SURFACE-MODIFIED NANOPARTICULATE METAL OXIDES, METAL HYDROXIDES, AND/OR METAL OXIDE HYDROXIDES

Title (de)
VERFAHREN ZUR HERSTELLUNG OBERFLÄCHENMODIFIZIERTER NANOPARTIKULÄRER METALLOXIDE, METALLHYDROXIDE UND/ ODER METALLOXIDHYDROXIDE

Title (fr)
PROCÉDÉ DE FABRICATION D'OXYDES MÉTALLIQUES, HYDROXYDES MÉTALLIQUES ET/OU OXYDES-HYDROXYDES MÉTALLIQUES NANOPARTICULAIRES, MODIFIÉS EN SURFACE

Publication
EP 2129360 A1 20091209 (DE)

Application
EP 08717951 A 20080318

Priority
• EP 2008053218 W 20080318
• EP 07104724 A 20070323
• EP 08717951 A 20080318

Abstract (en)
[origin: WO2008116790A1] The present invention relates to a method for producing surface-modified nanoparticulate particles of at least one metal oxide, metal hydroxide, and/or metal oxide hydroxide, and aqueous suspensions of said particles. The invention further relates to the surface-modified nanoparticulate particles of at least one metal oxide, metal hydroxide, and/or metal oxide hydroxide and aqueous suspensions of said particles obtainable with said method, and the use thereof in cosmetic sun protection preparations, as stabilizers in plastics, and as antimicrobial agents.

IPC 8 full level
A61K 8/19 (2006.01); **A61K 8/27** (2006.01); **A61Q 17/04** (2006.01); **C01G 1/02** (2006.01); **C01G 3/02** (2006.01); **C01G 9/02** (2006.01); **C01G 23/053** (2006.01); **C01G 25/02** (2006.01); **C01G 45/02** (2006.01); **C01G 49/02** (2006.01); **C01G 51/04** (2006.01); **C01G 53/04** (2006.01); **C09C 1/04** (2006.01); **C09C 1/24** (2006.01); **C09C 1/36** (2006.01)

CPC (source: EP KR US)
A61K 8/0241 (2013.01 - EP US); **A61K 8/19** (2013.01 - KR); **A61K 8/27** (2013.01 - EP US); **A61K 8/8147** (2013.01 - EP US); **A61Q 17/005** (2013.01 - EP US); **A61Q 17/04** (2013.01 - EP KR US); **B82Y 30/00** (2013.01 - EP US); **C01B 13/36** (2013.01 - EP US); **C01G 9/02** (2013.01 - KR); **C01G 23/053** (2013.01 - KR); **C09C 1/028** (2013.01 - EP US); **C09C 1/043** (2013.01 - EP US); **C09C 1/24** (2013.01 - EP US); **C09C 1/3676** (2013.01 - EP US); **C09C 1/407** (2013.01 - EP US); **C09C 3/10** (2013.01 - EP US); **A61K 2800/413** (2013.01 - EP US); **A61K 2800/614** (2013.01 - EP US); **C01P 2002/60** (2013.01 - EP US); **C01P 2002/84** (2013.01 - EP US); **C01P 2004/62** (2013.01 - EP US); **C01P 2004/64** (2013.01 - EP US); **C01P 2006/12** (2013.01 - EP US); **C01P 2006/22** (2013.01 - EP US); **C01P 2006/60** (2013.01 - EP US); **Y10T 428/2998** (2015.01 - EP US)

Citation (search report)
See references of WO 2008116790A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008116790 A1 20081002; AU 2008231831 A1 20081002; BR PI0809159 A2 20140916; BR PI0809159 B1 20160607; CA 2681153 A1 20081002; CN 101641077 A 20100203; CN 101641077 B 20130116; EP 2129360 A1 20091209; JP 2010521411 A 20100624; JP 5393652 B2 20140122; KR 101455887 B1 20141103; KR 20090125194 A 20091203; US 2010119829 A1 20100513

DOCDB simple family (application)
EP 2008053218 W 20080318; AU 2008231831 A 20080318; BR PI0809159 A 20080318; CA 2681153 A 20080318; CN 200880009473 A 20080318; EP 08717951 A 20080318; JP 2010500216 A 20080318; KR 20097022065 A 20080318; US 53266308 A 20080318