

Title (en)
SILANE-MODIFIED NANOPARTICLES MADE OF METAL OXIDES

Title (de)
SILAN-MODIFIZIERTE NANOPARTIKEL AUS METALLOXIDEN

Title (fr)
NANOPARTICULES D'OXYDES MÉTALLIQUES MODIFIÉES PAR DES SILANES

Publication
EP 2376384 A1 20111019 (DE)

Application
EP 09764257 A 20091203

Priority
• EP 2009066351 W 20091203
• EP 08171437 A 20081212
• EP 09764257 A 20091203

Abstract (en)
[origin: WO2010066640A1] The invention relates to improved metal oxide nanoparticles, particularly zinc oxides, that are modified with silanes. The particles thus obtained are suitable for improved UV protection of polymers.

IPC 8 full level
C01G 9/02 (2006.01); **C09C 1/00** (2006.01); **C09C 1/04** (2006.01); **C09C 1/36** (2006.01); **C09D 7/48** (2018.01)

CPC (source: EP US)
B82Y 30/00 (2013.01 - EP US); **C01G 9/02** (2013.01 - EP US); **C09C 1/00** (2013.01 - EP US); **C09C 1/043** (2013.01 - EP US); **C09C 1/3661** (2013.01 - EP US); **C09C 1/3684** (2013.01 - EP US); **C09C 1/3692** (2013.01 - EP US); **C09D 7/48** (2017.12 - EP US); **C09D 7/67** (2017.12 - EP US); **C01P 2004/64** (2013.01 - EP US); **C08K 3/22** (2013.01 - EP US); **C08K 9/06** (2013.01 - EP US); **Y10T 428/2982** (2015.01 - EP US)

Citation (search report)
See references of WO 2010066640A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010066640 A1 20100617; EP 2376384 A1 20111019; US 2011245392 A1 20111006

DOCDB simple family (application)
EP 2009066351 W 20091203; EP 09764257 A 20091203; US 200913139463 A 20091203