

Title (en)  
ORGANOFUNCTIONAL SILICONE RESIN LAYERS ON METAL OXIDES

Title (de)  
ORGANOFUNKTIONELLE SILIKONHARZSCHICHTEN AUF METALLOXIDEN

Title (fr)  
COUCHES DE RÉSINE SILICONE ORGANOFONCTIONNELLES SUR DES OXYDES MÉTALLIQUES

Publication  
**EP 2102291 A2 20090923 (DE)**

Application  
**EP 07857568 A 20071214**

Priority  
• EP 2007063921 W 20071214  
• DE 102006061057 A 20061222

Abstract (en)  
[origin: WO2008077814A2] Disclosed is a modified particulate metal oxide which is surface-modified by means of an organofunctional silicone resin layer of general formula (Y-(CH<sub>2</sub>)<sub>x</sub>(Si(R)<sub>1</sub>)<sub>x</sub>(OR)<sub>2</sub>(O<sub>z</sub>)<sub>2</sub>), wherein R<sub>1</sub> represents an optionally substituted Si-C bonded C<sub>1</sub>-C<sub>20</sub> hydrocarbon radical, R<sub>2</sub> represents a hydrogen atom or a hydrocarbon radical that has the same meaning as R<sub>1</sub>, Y represents a functional group -NR<sub>2</sub> -<sub>2</sub>,

IPC 8 full level  
**C09C 1/14** (2006.01); **C09C 1/24** (2006.01); **C09C 1/30** (2006.01); **C09C 1/34** (2006.01); **C09C 1/36** (2006.01); **C09C 1/40** (2006.01); **C09C 3/12** (2006.01); **C09D 7/62** (2018.01); **C09J 11/04** (2006.01)

CPC (source: EP KR US)  
**B82Y 30/00** (2013.01 - EP US); **C01B 13/14** (2013.01 - KR); **C07F 7/18** (2013.01 - KR); **C09C 1/3081** (2013.01 - EP US); **C09C 3/12** (2013.01 - EP US); **C09D 1/00** (2013.01 - KR); **C09D 7/62** (2017.12 - EP US); **C09J 11/04** (2013.01 - EP US); **C23C 4/10** (2013.01 - KR); **C01P 2002/86** (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); **C01P 2004/84** (2013.01 - EP US); **C01P 2006/12** (2013.01 - EP US); **C01P 2006/22** (2013.01 - EP US); **C08K 3/22** (2013.01 - EP US); **C08K 9/06** (2013.01 - EP US); **Y10T 428/265** (2015.01 - EP US); **Y10T 428/31663** (2015.04 - EP US)

Citation (search report)  
See references of WO 2008077814A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102006061057 A1 20080626**; CN 101568603 A 20091028; CN 101568603 B 20130320; EP 2102291 A2 20090923; JP 2010513637 A 20100430; KR 101190923 B1 20121012; KR 20090094160 A 20090903; US 2010021725 A1 20100128; WO 2008077814 A2 20080703; WO 2008077814 A3 20090604

DOCDB simple family (application)  
**DE 102006061057 A 20061222**; CN 200780047307 A 20071214; EP 07857568 A 20071214; EP 2007063921 W 20071214; JP 2009542008 A 20071214; KR 20097015446 A 20071214; US 52025107 A 20071214