

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
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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-(CH₂)_x-Si(R₁)_{3-x}(OR₂)_y-O_z), wherein R₁ represents an optionally substituted Si-C bonded C₁-C₂₀ hydrocarbon radical, R₂ represents a hydrogen atom or a hydrocarbon radical that has the same meaning as R₁, Y represents a functional group -NR₂ -

IPC 8 full level
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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)
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