

Title (en)

FUNCTIONALISED INORGANIC OXIDE HYDROXYLATED CARRIER AND METHOD FOR PREPARING SAME

Title (de)

FUNKTIONALISierter HYDROXYLGRUPPEN-ENTHALTENDER AUS ANORGANISCHEM OXYD BESTEHENDER TRAGER UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

SUPPORT HYDROXYLE D'OXYDE INORGANIQUE, FONCTIONNALISE, ET PROCEDE POUR SA PREPARATION

Publication

**EP 0846139 A1 19980610 (FR)**

Application

**EP 96929346 A 19960819**

Priority

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- FR 9510115 A 19950822

Abstract (en)

[origin: WO9708225A1] A hydroxylated inorganic oxide carrier is functionalised by grafting one or more types of polyhydrogenosiloxane oils with 10 - 200 siloxane units, said grafting being provided by the covalent bonds formed by a dehydrogenocondensation reaction between Si-H groupings of the polyhydrogenosiloxane oil and free hydroxyls of the hydroxylated carrier, and by the hydrogen bonds between the hydroxyls of the hydroxylated carrier and oxygen atoms of the polyhydrogenosiloxane oil, which has free Si-H groupings.

IPC 1-7

**C08G 83/00**; C08G 77/02; C08K 9/06; C09C 1/30

IPC 8 full level

**C01B 33/18** (2006.01); **C08G 77/02** (2006.01); **C08G 77/12** (2006.01); **C08G 83/00** (2006.01); **C08K 9/06** (2006.01); **C09C 1/00** (2006.01); **C09C 1/30** (2006.01); **C09C 1/36** (2006.01); **C09C 1/40** (2006.01); **C09C 3/08** (2006.01); **C09C 3/12** (2006.01)

CPC (source: EP US)

**C08G 77/02** (2013.01 - EP US); **C08G 83/001** (2013.01 - EP US); **C09C 1/00** (2013.01 - EP US); **C09C 1/3081** (2013.01 - EP US); **C09C 1/3684** (2013.01 - EP US); **C09C 1/407** (2013.01 - EP US); **C09C 3/08** (2013.01 - EP US); **C01P 2002/82** (2013.01 - EP US); **C01P 2006/12** (2013.01 - EP US); **Y10T 428/2991** (2015.01 - EP US); **Y10T 428/2995** (2015.01 - EP US); **Y10T 428/2998** (2015.01 - EP US)

Citation (search report)

See references of WO 9708225A1

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