

Title (en)

SILANE CROSS-LINKING ADHESIVE OR SEALING COMPOUNDS, METHOD FOR PRODUCING THE SAME AND THEIR USE

Title (de)

SILANVERNETZENDE KLEB- ODER DICHTSTOFFMASSEN, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG

Title (fr)

MATIERES ADHESIVES OU D'ETANCHEITE A RETICULATION SILANE, PROCEDE DE PRODUCTION ET UTILISATION ASSOCIES

Publication

EP 1902112 A1 20080326 (DE)

Application

EP 06707071 A 20060218

Priority

- EP 2006001486 W 20060218
- DE 102005029282 A 20050623

Abstract (en)

[origin: DE102005029282A1] Silane cross-linking adhesive or sealing compounds (Q) comprises at least a polymer compound (I), coupling agents, desiccants and/or reactive diluter; where the coupling agent, desiccant and/or reactive diluent is an alpha -silane with an ethoxy group (II). Silane cross-linking adhesive or sealing compounds (Q) comprises at least a polymer compound (I) of formula $(R-(A-(CH_2)_x-Si(OCH_3)(R_{2>})-OR_{1>})_n)$, coupling agents, desiccants and/or reactive diluents; where the coupling agent, desiccant and/or reactive diluent is an alpha -silane with an ethoxy group (II) of formula $(R_{3>}-CH_2-Si(OC_2H_5)(R_{4>})-OC_2H_5)$. R : mono- to tetra- valent hydrocarbon; R_{1>} 1-8C-alkyl; R_{2>} 1-8C- alkyl or alkoxy; A : carboxy-, carbamate-, carbonate-, ureido-, urethane-, sulfonate- bond or oxygen; x : 1-8; n : 1-4; R_{3>} an organic group bound to the methylene group through a hetero atom; and R_{4>} 1-8C-alkyl or ethoxy. An independent claim is included for a method for the preparation of (Q).

IPC 8 full level

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CPC (source: EP US)

C08G 18/4825 (2013.01 - EP US); **C08G 18/718** (2013.01 - EP US); **C09J 175/04** (2013.01 - EP US); **C08G 2190/00** (2013.01 - EP US); **Y10T 428/31612** (2015.04 - EP US); **Y10T 428/31663** (2015.04 - EP US)

Citation (search report)

See references of WO 2006136211A1

Citation (examination)

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