

Title (en)

SILANE COATING MATERIAL AND METHOD FOR THE PRODUCTION OF A SILANE COATING

Title (de)

SILANBESCHICHTUNGSMATERIAL UND VERFAHREN ZUR HERSTELLUNG EINER SILANBESCHICHTUNG

Title (fr)

MATÉRIAU DE REVÊTEMENT DE SILANE ET PROCÉDÉ POUR LA FABRICATION D'UN REVÊTEMENT DE SILANE

Publication

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Application

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Priority

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Abstract (en)

[origin: CA2663713A1] The invention relates to a silane coating material and to a method for the production of a silane coating. In order to create a silane coating material according to the generic term, in which the disadvantages stated above can be avoided, a method for the production of a silane coating according to the invention is proposed, wherein one or more silanes that are not, or are only slightly, pre-condensed, are added to a reaction partner and the resulting coating material is applied to a substrate and cured. Surprisingly it has been found that by means of the reaction of higher molecular and possibly slightly pre-cross-linked silanes and a suitable reaction partner a new class of coating materials can be created. According to prior art, silanes are processed via sol-gel processes, starting with pre-condensed species. The procedural method according to the invention is advantageous insofar as no restrictions exist with regard to the working life, and additionally improved properties of the coating material are achieved, particularly high scratch resistance.

IPC 8 full level

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CPC (source: EP KR US)

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See references of WO 2008034409A2

Citation (examination)

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