

Title (en)

COATING MATERIALS CONTAINING SILANE-MODIFIED NANOPARTICLES

Title (de)

BESCHICHTUNGSMASSEN ENTHALTEND MIT SILANEN MODIFIZIERTE NANOPARTIKEL

Title (fr)

MATIERES D'ENDUCTION CONTENANT DES NANOPARTICULES MODIFIEES PAR DES SILANES

Publication

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Application

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Abstract (en)

[origin: WO2007020062A2] The invention relates to coating materials containing silane-modified nanoparticles, an organic binder and possibly additives, wherein said coating materials contain silane-modified nanoparticles which are obtainable by disaggregating agglomerates containing said particles in the presence of an organic solvent and by simultaneously or afterwardly carrying out a silane treatment. The thus silane-modified nanoparticles provide the coating materials and coatings with an improved scratch resistance.

IPC 8 full level

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