

Title (en)

PROCESS FOR PRODUCING FINELY DIVIDED, HIGH-SURFACE-AREA MATERIALS COATED WITH INORGANIC NANOPARTICLES, AND ALSO USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MIT ANORGANISCHEN NANOPARTIKELN BESCHICHTETEN FEINTEILIGEN, HOCHBERFLÄCHIGEN MATERIALIEN, SOWIE DEREN VERWENDUNG

Title (fr)

PROCÉDÉS POUR PRODUIRE DES MATÉRIAUX À COUCHE SUPERFICIELLE PROFONDE, CONSTITUÉS DE FINES PARTICULES, REVÊTUS DE NANOPARTICULES INORGANIQUES ET UTILISATION DESDITS MATÉRIAUX

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Abstract (en)

[origin: WO2009016248A1] The invention relates to a process for producing finely divided high-surface-area materials coated with inorganic nanoparticles, and also the materials produced thereby, in particular catalysts for heterogeneous catalysis. The process according to the invention is characterized in that the finely divided high-surface-area material is contacted with a suspension of inorganic nanoparticles in a liquid medium in which the nanoparticles are bound to biopolymers, and in that, if appropriate, the catalytically coated finely divided high-surface-area material is dried.

IPC 8 full level

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