

Title (en)

PRODUCTION OF SiO₂-COATED TITANIUM DIOXIDE PARTICLES WITH AN ADJUSTABLE COATING

Title (de)

HERSTELLUNG VON SiO₂-BESCHICHTETEN TITANDIOXIDPARTIKELN MIT EINSTELLBARER BESCHICHTUNG

Title (fr)

FABRICATION DE PARTICULES DE DIOXYDE DE TITANE REVÊTUES DE SiO₂, À REVÊTEMENT RÉGLABLE

Publication

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Application

EP 08787516 A 20080827

Priority

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Abstract (en)

[origin: WO2009027433A2] The invention relates to a method for producing coated nanoparticles which comprise a core holding at least one first substance and at least one envelope from at least one additional substance that at least partially surrounds the core, in a fluid system. The invention also relates to nanoparticles obtainable by said method, to nanoparticles comprising a non-porous core that holds at least one first substance, and at least one envelope from at least one additional substance that at least partially surrounds the core, the nanoparticles having a narrow particle-size distribution. The invention finally relates to the use of the nanoparticles in photocatalysis and to a device for carrying out the method.

IPC 8 full level

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Citation (search report)

See references of WO 2009027433A2

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