

Title (en)
STABLE SUSPENSIONS OF CRYSTALLINE TIO₂ PARTICLES OF HYDROTHERMALLY TREATED SOL GEL PRECURSOR POWDERS

Title (de)
STABILE SUSPENSIONEN VON KRISTALLINEN TIO₂-PARTIKELN AUS HYDROTHERMAL BEHANDELTEN SOL-GEL-VORSTUFENPULVERN

Title (fr)
SUSPENSIONS STABLES DE PARTICULES DE TIO₂ CRISTALLINES OBTENUES À PARTIR DE PROGÉNITEURS PULVÉRULENTS SOL-GEL TRAITÉS PAR HYDROTHERMIE

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Abstract (en)
[origin: WO2008006566A2] The invention relates to a method for producing stable suspensions of finely dispersed colloid-disperse crystalline titanium dioxide particles, comprising the hydrothermal treatment of aqueous molecularly disperse sol gel solutions that have been produced from amorphous water-soluble precursor powders. The suspensions thus obtained can be used, inter alia, to produce thin transparent crystalline layers.

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