

Title (en)

NANOPARTICULATE SURFACE-MODIFIED TITANIUM DIOXIDE AND THE USE THEREOF IN DENTAL CARE AGENTS

Title (de)

NANOPARTIKULÄRES OBERFLÄCHENMODIFIZIERTES TITANDIOXID UND SEINE VERWENDUNG IN ZAHNPFLEGEMITTELN

Title (fr)

DIOXYDE DE TITANE NANOPARTICULAIRE A SURFACE MODIFIEE ET SON UTILISATION DANS DES PRODUITS D'HYGIENE DENTAIRE

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Application

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Abstract (en)

[origin: WO02051945A1] The invention relates to a nanoparticulate titanium dioxide with an average particle diameter ranging from 10 to 1000 nm, the particles being coated with a polar organic surface-modifying agent, preferably a phosphonic acid. The inventive particles adhere well to dental surfaces and are suitable as tooth-brightening agents in dental cleaning and/or care compositions.

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