

Title (en)

DENTAL COMPOSITION BASED ON A COLLOIDAL SILICA SOLUTION IN CONTINUOUS SILICON PHASE

Title (de)

DENTALZUSAMMENSETZUNG AUF BASIS EINER KOLLOIDALEN KIESELSÄURELÖSUNG IN KONTINUIERLICHER SILIKONPHASE

Title (fr)

COMPOSITION DENTAIRE A BASE DE SOLUTION DE SILICE COLLODALE EN PHASE CONTINUE SILICONE

Publication

**EP 1455731 A1 20040915 (FR)**

Application

**EP 02804935 A 20021217**

Priority

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Abstract (en)

[origin: WO03051317A1] The invention relates to dental compositions which can be used to produce dental prostheses and for dental restoration. The inventive compositions comprise: (1) a concentrated silica solution comprising colloidal amorphous silica particles in at least one continuous silicon phase, consisting of polymerisable and/or crosslinkable silicon polymer and/or oligomer; (2) at least one photosensitiser; and (3) a cationic initiator which is selected from among those comprising a cationic entity selected from onium salts having formula (I):  $[(R_1)_n - A - (R_2)_m]^+$

IPC 1-7

**A61K 6/093**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 03051317A1

Citation (examination)

US 5936006 A 19990810 - RHEINBERGER VOLKER [LI], et al

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