

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

- FR 0204392 W 20021217
- FR 0116404 A 20011218

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

A61K 6/093 (2006.01); **A61K 6/891** (2020.01); **A61K 6/896** (2020.01)

CPC (source: EP US)

A61K 6/62 (2020.01 - EP US); **A61K 6/896** (2020.01 - EP US)

Citation (search report)

See references of WO 03051317A1

Citation (examination)

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03051317 A1 20030626; AU 2002365000 A1 20030630; CA 2469454 A1 20030626; CA 2469454 C 20101130; EP 1455731 A1 20040915; FR 2833484 A1 20030620; FR 2833484 B1 20041210; JP 2005524607 A 20050818; JP 4291694 B2 20090708; US 2005119367 A1 20050602; US 8519019 B2 20130827

DOCDB simple family (application)

FR 0204392 W 20021217; AU 2002365000 A 20021217; CA 2469454 A 20021217; EP 02804935 A 20021217; FR 0116404 A 20011218; JP 2003552250 A 20021217; US 49855102 A 20021217