

Title (en)

SINTERING OF BIOACTIVE GLASS WITH LOCALISED ELECTROMAGNETIC AND/OR ACOUSTIC ENERGY

Title (de)

SINTERUNG VON BIOAKTIVEM GLAS MIT LOKALISierter ELEKTROMAGNETISCHER UND/ODER AKUSTISCHER ENERGIE

Title (fr)

FRITTAGE DE VERRE BIOACTIF AVEC DE L'ENERGIE ACOUSTIQUE ET/OU ELECTROMAGNETIQUE LOCALISEE

Publication

**EP 1368070 A1 20031210 (EN)**

Application

**EP 02706790 A 20020312**

Priority

- FI 0200191 W 20020312
- FI 20010524 A 20010316
- US 27611201 P 20010316

Abstract (en)

[origin: WO02074353A1] The object of the invention is to provide a method for sintering bioactive glass or bioactive glass composite. The method according to the invention is characterised in that the sintering is performed with a localised electromagnetic and/or acoustic energy. Other objects of the invention are a method for coating a device with bioactive glass or bioactive glass composite and a method for attaching at least two devices. All these methods use sintering with localised electromagnetic and/or acoustic energy.

IPC 1-7

**A61L 27/00**

IPC 8 full level

**A61C 8/00** (2006.01); **A61L 27/10** (2006.01); **A61F 2/02** (2006.01); **A61F 2/32** (2006.01); **A61F 2/38** (2006.01); **A61F 2/46** (2006.01); **A61L 27/00** (2006.01); **C03B 19/06** (2006.01); **C03B 23/20** (2006.01); **C03B 32/00** (2006.01); **C03C 17/04** (2006.01); **C23C 24/08** (2006.01); **C23C 24/10** (2006.01); **C23D 5/04** (2006.01); **C23D 15/00** (2006.01)

CPC (source: EP)

**A61L 27/10** (2013.01); **C03B 19/06** (2013.01); **C03B 23/20** (2013.01); **C03B 32/00** (2013.01); **C03C 17/04** (2013.01); **C23C 24/08** (2013.01); **C23C 24/10** (2013.01); **C23D 5/04** (2013.01); **C23D 15/00** (2013.01)

Citation (search report)

See references of WO 02074353A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 02074353 A1 20020926**; EP 1368070 A1 20031210; JP 2004522546 A 20040729

DOCDB simple family (application)

**FI 0200191 W 20020312**; EP 02706790 A 20020312; JP 2002573060 A 20020312