

Title (en)

INJECTABLE RESORBABLE CERAMIC COMPOSITIONS

Title (de)

INJIZIERBARE UND RESORBIERBARE KERAMIKZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS CÉRAMIQUES RÉSORBABLES INJECTABLES

Publication

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Application

**EP 07835330 A 20071016**

Priority

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Abstract (en)

[origin: WO2008048182A1] The present invention relates to a ceramic precursor composition for resorbable or partly resorbable high-strength bioelements, wherein the precursor composition comprises 40-70 wt-% of one or more silicate with Ca as the main cation, 40-20 wt-% of a Ca-sulphate, and greater than 0 wt-% to less than 10 wt-% of an acidic soluble Ca-salt, the remainder, if any, comprises additives. The invention also relates to a slurry, a cured material, a medical implant, and a carrier material for drug delivery made from said precursor composition, as well as a method of manufacturing said a cured chemically bonded ceramic material.

IPC 8 full level

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Citation (search report)

- [Y] US 2006078590 A1 20060413 - HERMANSSON LEIF [SE], et al
- [Y] ACI COMMITTEE 225 - GREGORY S. BARGER AND AL.: "Guide to the selection and use of hydraulic cements", ACI COMMITTEE REPORT, vol. 225R-99, 1999, pages 1 - 30, XP002685245
- See references of WO 2008048182A1

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