

## Title (en)

SILICA SOL MATERIAL FOR PRODUCING BIOLOGICALLY DEGRADABLE AND/OR RESORBABLE SILICA GEL MATERIALS, THE PRODUCTION AND USE THEREOF

## Title (de)

KIESELSOL-MATERIAL ZUR HERSTELLUNG VON BIOLOGISCH DEGRADIERBAREN UND/ODER RESORBIERBAREN KIESELGEL-MATERIALIEN, DESSEN HERSTELLUNG UND VERWENDUNG

## Title (fr)

MATÉRIAU À BASE DE SOL DE SILICE POUR LA PRODUCTION DE MATÉRIAUX À BASE DE GEL DE SILICE BIOLOGIQUEMENT DÉGRADABLES ET/OU RÉSORBABLES, SA FABRICATION ET SON UTILISATION

## Publication

**EP 2121530 A1 20091125 (DE)**

## Application

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## Abstract (en)

[origin: US2011183419A1] The invention concerns a novel silica sol material and its use for producing bioabsorbable and biodegradable silica gel materials having improved properties. The materials such as for example fibres, fibrous nonwoven webs, powders, monoliths and/or coatings are used, for example, in medical technology and/or human medicine, in particular for wound treatment.

## IPC 8 full level

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## Citation (search report)

See references of WO 2008086970A1

## Citation (examination)

J. SEFCIK ET AL.: "Kinetic and thermodynamic issues in the early stages of sol-gel processes using silicon alkoxides", CATALYSIS TODAY, vol. 35, 1997, pages 205 - 223

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