Title (en)

GELLAN GUM BASED HYDROGELS FOR REGENERATIVE MEDICINE AND TISSUE ENGINEERING APPLICATIONS, ITS SYSTEM, AND PROCESSING DEVICES

Title (de)

HYDROGELE AUF GELLANGUMMIBASIS FÜR DIE REGENERATIVE MEDIZIN UND GEWEBEZÜCHTUNG, SYSTEM DAFÜR UND VERARBEITUNGSVORRICHTUNGEN

Title (fr)

HYDROGELS À BASE DE GOMME GELLANE POUR DES APPLICATIONS DE MÉDECINE RÉGÉNÉRATIVE ET D'INGÉNIERIE TISSULAIRE, SON SYSTÈME ET SES DISPOSITIFS DE TRAITEMENT

Publication

EP 2244753 A2 20101103 (EN)

Application

EP 09710810 A 20090212

Priority

- IB 2009000258 W 20090212
- PT 10397008 A 20080215

Abstract (en)

[origin: WO2009101518A2] This invention refers to the processing and application of gellan gum for regenerative medicine and tissue engineering approaches, focusing processes for packaging, handling, processing of different structures, controlled anionic crosslinking of gellan gum, as well as for its combination with biomolecules and/or live cells live in order to reduce the variability in its chemical and physical properties and in the biological results produced, increasing their effectiveness in the regeneration of living tissues in cellular tests before and/ or after implantation in animals and/or humans, which will allow a more effective transfer of the potential application of gellan gum in a clinical context.

IPC 8 full level

A61L 27/20 (2006.01); **A61L 27/38** (2006.01); **A61L 27/52** (2006.01)

CPC (source: EP)

A61L 27/20 (2013.01); **A61L 27/52** (2013.01); **B01J 19/14** (2013.01); **C08J 3/075** (2013.01); **C08L 5/00** (2013.01); **D01D 5/06** (2013.01); **D01F 9/00** (2013.01); C08J 3/12 (2013.01); C08J 3/24 (2013.01); C08J 2305/00 (2013.01)

Citation (search report)

See references of WO 2009101518A2

Cited by

WO2022107108A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009101518 A2 20090820; **WO 2009101518 A3 20101014**; EP 2244753 A2 20101103; PT 103970 A 20090817

DOCDB simple family (application)

IB 2009000258 W 20090212; EP 09710810 A 20090212; PT 10397008 A 20080215