

Title (en)

DRUG-LOADED BIOLOGICAL MATERIAL CHEMICALLY TREATED WITH GENIPIN

Title (de)

CHEMISCH MIT GENIPIN BEHANDELTES ARZNEIMITTEL-BELADENES BIOLOGISCHES MATERIAL

Title (fr)

MATERIAU BIOLOGIQUE CHARGE DE MEDICAMENT TRAITE CHIMIQUEMENT PAR LA GENIPINE

Publication

**EP 1545505 A4 20080102 (EN)**

Application

**EP 03767189 A 20030801**

Priority

- US 0324445 W 20030801
- US 21165602 A 20020802

Abstract (en)

[origin: WO2004012676A2] A method for treating a target tissue of a patient comprising, in combination, mixing a drug with a solidifiable biological material, chemically treating the drug with the biological material with a crosslinking agent, loading the solidifiable drug-containing biological material onto a medical device, solidifying the drug-containing biological material; and delivering the medical device to the target tissue for treating the tissue.

IPC 1-7

**A61K 31/352**

IPC 8 full level

**A61F 2/82** (2013.01); **A61L 27/34** (2006.01); **A61L 27/54** (2006.01); **A61L 29/08** (2006.01); **A61L 29/16** (2006.01); **A61L 31/10** (2006.01); **A61L 31/16** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] US 2002091445 A1 20020711 - SUNG HSING-WEN [TW], et al
- [X] WO 0187267 A1 20011122 - GEL DEL TECHNOLOGIES INC [US], et al
- [DA] WO 9819718 A1 19980514 - CHALLENGE BIOPRODUCTS CO LTD, et al
- [X] FARB A ET AL: "Pathological analysis of local delivery of paclitaxel via a polymer-coated stent", CIRCULATION, AMERICAN HEART ASSOCIATION, DALLAS, TX, US, vol. 104, no. 4, 24 July 2001 (2001-07-24), pages 473 - 479, XP002244114, ISSN: 0009-7322
- [A] MI F-L ET AL: "IN VITRO EVALUATION OF A CHITOSAN MEMBRANE CROSS-LINKED WITH GENIPIN", JOURNAL OF BIOMATERIALS SCIENCE. POLYMER EDITION, VSP, UTRECHT, NL, vol. 12, no. 8, 2001, pages 835 - 850, XP008050815, ISSN: 0920-5063
- [A] MI F-L ET AL: "In vivo biocompatibility and degradability of a novel injectable-chitosan-based implant", BIOMATERIALS, ELSEVIER SCIENCE PUBLISHERS BV., BARKING, GB, vol. 23, no. 1, 1 January 2002 (2002-01-01), pages 181 - 191, XP004322634, ISSN: 0142-9612
- See references of WO 2004012676A2

Cited by

US9655999B2; US10034966B2

Designated contracting state (EPC)

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

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**WO 2004012676 A2 20040212; WO 2004012676 A3 20040916;** AU 2003257179 A1 20040223; AU 2003257179 A8 20040223; EP 1545505 A2 20050629; EP 1545505 A4 20080102; JP 2006500975 A 20060112

DOCDB simple family (application)

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