

Title (en)  
TEMPORAL RELEASE OF GROWTH FACTORS FROM 3D MICRO ROD SCAFFOLDS FOR TISSUE REGENERATION

Title (de)  
TEMPORÄRE FREISETZUNG VON WACHSTUMSFAKTOREN AUS 3D-MIKROSTANGENGERÜSTEN ZUR GEWEBEREGENERATION

Title (fr)  
LIBÉRATION TEMPORAIRE DE FACTEURS DE CROISSANCE À PARTIR D'ÉCHAFAUDAGES DE MICRO-TIGE EN 3D POUR RÉGÉNÉRATION DE TISSU

Publication  
**EP 2170419 A1 20100407 (EN)**

Application  
**EP 08782056 A 20080718**

Priority  
• US 2008070471 W 20080718  
• US 95045407 P 20070718

Abstract (en)  
[origin: WO2009012449A1] The present invention relates to the use of three-dimensional microrod scaffolds for the temporal release of growth factors useful in tissue regeneration, engineering and treatment of disorders.

IPC 8 full level  
**A61L 27/16** (2006.01); **A61K 9/16** (2006.01)

CPC (source: EP)  
**A61K 9/0024** (2013.01); **A61K 9/146** (2013.01); **A61K 9/204** (2013.01); **A61L 27/54** (2013.01); **A61L 27/58** (2013.01); **A61L 2300/414** (2013.01)

Citation (search report)  
See references of WO 2009012449A1

Citation (examination)  
SUNG H-J ET AL: "The use of temperature-composition combinatorial libraries to study the effects of biodegradable polymer blend surfaces on vascular cells", BIOMATERIALS, ELSEVIER SCIENCE PUBLISHERS BV., BARKING, GB, vol. 26, no. 22, 1 August 2005 (2005-08-01), pages 4557 - 4567, XP004751843, ISSN: 0142-9612, DOI: DOI:10.1016/J.BIOMATERIALS.2004.11.034

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2009012449 A1 20090122**; EP 2170419 A1 20100407; EP 2623132 A1 20130807; EP 2623132 B1 20160330

DOCDB simple family (application)  
**US 2008070471 W 20080718**; EP 08782056 A 20080718; EP 12185486 A 20080718