

Title (en)

MATERIAL BASED ON BIODEGRADABLE POLYMERS AND METHOD FOR PREPARING SAME

Title (de)

MATERIAL AUF DER BASIS VON BIOABBAUBAREN POLYMERISATEN UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

MATERIAU A BASE DE POLYMERES BIODEGRADABLES ET SON PROCEDE DE PREPARATION

Publication

EP 1285021 A1 20030226 (FR)

Application

EP 01936544 A 20010516

Priority

- FR 0101496 W 20010516
- FR 0006232 A 20000516

Abstract (en)

[origin: WO0188019A1] The invention concerns a material with controlled chemical structure consisting of at least a biodegradable polymer material and a polysaccharide with linear, branched or crosslinked skeleton. The invention is characterised in that it is obtained by controlled functionalizing of at least a molecule of said biodegradable polymer or one of its derivatives by covalent grafting directly at its polymeric structure, of at least a molecule of said polysaccharide. The invention also concern a vector preferably in the form of particles obtained from said material and its use as biological vector.

IPC 1-7

C08G 81/00; **C08B 37/00**; **C08J 3/12**; **A61K 9/14**; **A61K 9/50**; **A61K 9/51**; **A61K 31/715**; **G01N 33/48**

IPC 8 full level

A61K 9/50 (2006.01); **A61K 9/16** (2006.01); **A61K 9/51** (2006.01); **A61K 47/36** (2006.01); **A61K 47/42** (2006.01); **C08B 37/00** (2006.01); **C08G 81/00** (2006.01); **C08L 101/16** (2006.01)

CPC (source: EP US)

A61K 9/167 (2013.01 - EP US); **C08B 37/00** (2013.01 - EP US); **C08G 81/00** (2013.01 - EP US)

Citation (search report)

See references of WO 0188019A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0188019 A1 20011122; AU 6242701 A 20011126; CA 2408870 A1 20011122; EP 1285021 A1 20030226; FR 2809112 A1 20011123; FR 2809112 B1 20040507; JP 2004521152 A 20040715; US 2004013626 A1 20040122

DOCDB simple family (application)

FR 0101496 W 20010516; AU 6242701 A 20010516; CA 2408870 A 20010516; EP 01936544 A 20010516; FR 0006232 A 20000516; JP 2001585235 A 20010516; US 27617803 A 20030604