

Title (en)
MATERIAL CONSISTING OF AT LEAST A BIODEGRADABLE POLYMER AND CYCLODEXTRINS

Title (de)
MATERIAL DAS WENIGSTENS EIN BIOABBAUBARES POLYMER UND CYCLODEXTRINE ENTHÄLT

Title (fr)
MATERIAU COMPOSE D'AU MOINS UN POLYMERE BIODEGRADABLE ET DE CYCLODEXTRINES

Publication
EP 1440114 A1 20040728 (FR)

Application
EP 02781387 A 20020927

Priority
• FR 0203321 W 20020927
• FR 0112456 A 20010927

Abstract (en)
[origin: WO03027169A1] The invention concerns a material consisting of at least a biodegradable polymer and a cyclic oligosaccharide, characterized in that at least one molecule of said oligosaccharide is grafted via a covalent bond to at least a molecule of said biodegradable polymer. The invention also concerns a method for preparing said material, the nanoparticles and microparticles derived from said material and uses thereof as biological vectors for active substances.

IPC 1-7
C08G 81/00; **A61K 9/51**

IPC 8 full level
A61K 9/14 (2006.01); **A61K 9/16** (2006.01); **A61K 9/48** (2006.01); **A61K 9/51** (2006.01); **A61K 9/52** (2006.01); **A61K 31/138** (2006.01); **A61K 31/683** (2006.01); **A61K 31/70** (2006.01); **A61K 31/7032** (2006.01); **A61K 31/7088** (2006.01); **A61K 31/715** (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61K 47/30** (2006.01); **A61K 47/32** (2006.01); **A61K 47/34** (2006.01); **A61K 47/36** (2006.01); **A61K 47/40** (2006.01); **A61K 47/48** (2006.01); **A61P 35/00** (2006.01); **C08F 2/00** (2006.01); **C08G 81/00** (2006.01); **C08L 101/16** (2006.01)

CPC (source: EP US)
A61K 9/5153 (2013.01 - EP US); **A61K 47/593** (2017.07 - EP US); **A61K 47/6951** (2017.07 - EP US); **A61P 35/00** (2017.12 - EP); **B82Y 5/00** (2013.01 - EP US); **C08G 81/00** (2013.01 - EP US); **A61K 9/1652** (2013.01 - EP US)

Citation (search report)
See references of WO 03027169A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03027169 A1 20030403; CA 2461421 A1 20030403; EP 1440114 A1 20040728; FR 2830017 A1 20030328; FR 2830017 B1 20051104; JP 2005503476 A 20050203; US 2005043481 A1 20050224

DOCDB simple family (application)
FR 0203321 W 20020927; CA 2461421 A 20020927; EP 02781387 A 20020927; FR 0112456 A 20010927; JP 2003530753 A 20020927; US 49041704 A 20041006