

Title (en)

PLGA/PLA-TYPE POLYMER MICROSPHERES ENCAPSULATING A WATER-SOLUBLE SUBSTANCE AND PROCESS THEREOF

Title (de)

PLGA/PLA-TYP MIKROKUGELN ENTHALTEND EINE WASSERLÖSLICHE VERBINDUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

MICROSPHERES DE POLYMERES DE TYPE PLGA/PLA ENCAPSULANT DES SUBSTANCES SOLUBLES DANS L'EAU, ET LEUR PROCEDE DE PREPARATION

Publication

EP 1324758 A1 20030709 (FR)

Application

EP 01971588 A 20011003

Priority

- CH 0100596 W 20011003
- CH 19412000 A 20001003

Abstract (en)

[origin: WO0228386A1] The invention concerns a novel method for preparing, by solvent extraction, PLGA/PLA-type polymer microspheres encapsulating water-soluble substances. The invention also concerns the microspheres obtained by said method.

IPC 1-7

A61K 31/28; **A61K 31/555**; **A61K 33/24**; **A61K 9/16**

IPC 8 full level

A61K 9/16 (2006.01); **A61K 31/282** (2006.01); **A61K 31/555** (2006.01); **A61K 33/243** (2019.01)

CPC (source: EP US)

A61K 9/1647 (2013.01 - EP US); **A61K 9/1694** (2013.01 - EP US); **A61K 31/282** (2013.01 - EP US); **A61K 31/555** (2013.01 - EP US); **A61K 33/243** (2018.12 - EP US)

Citation (search report)

See references of WO 0228386A1

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 0228386 A1 20020411; AU 9158301 A 20020415; DE 60108405 D1 20050217; EP 1324758 A1 20030709; EP 1324758 B1 20050112; US 2004126431 A1 20040701

DOCDB simple family (application)

CH 0100596 W 20011003; AU 9158301 A 20011003; DE 60108405 T 20011003; EP 01971588 A 20011003; US 39802403 A 20030612