

Title (en)

MICROPARTICULATE ORAL DRUG FORM USEFUL FOR THE MODIFIED RELEASE OF NANOPARTICLES

Title (de)

ORALE MIKROTEILCHENFÖRMIGE ARZNEIMITTELFORMULIERUNG ZUR MODIFIZIERTEN FREISETZUNG VON NANOTEILCHEN

Title (fr)

FORME ORALE MICROPARTICULAIRE UTILE POUR LA LIBERATION MODIFIEE DE NANOPARTICULES

Publication

**EP 2317990 A2 20110511 (FR)**

Application

**EP 09740381 A 20090724**

Priority

- FR 2009051495 W 20090724
- FR 0855179 A 20080728

Abstract (en)

[origin: WO2010012940A2] The present invention aims to provide novel microparticulate oral drug forms for the modified release of active principle(s), particularly of the protein or peptide nature. The invention also relates to the particularly therapeutic or cosmetic uses of said microparticulate oral drug forms.

IPC 8 full level

**A61K 9/50** (2006.01); **A61K 9/14** (2006.01); **A61K 47/34** (2006.01)

CPC (source: EP)

**A61K 9/5078** (2013.01); **A61K 9/5123** (2013.01); **A61K 9/5138** (2013.01); **A61K 9/5161** (2013.01); **A61K 9/5169** (2013.01); **A61K 9/5192** (2013.01); **A61K 9/5015** (2013.01); **A61K 9/5026** (2013.01); **A61K 47/34** (2013.01)

Citation (search report)

See references of WO 2010012940A2

Citation (examination)

ZHENG AI-PING ET AL: "Thymopentin-Loaded pH-Sensitive Chitosan Nanoparticles for Oral Administration: Preparation, Characterization, and Pharmacodynamics", JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, AMERICAN SCIENTIFIC PUBLISHERS, US, vol. 6, no. 9-10, 1 September 2006 (2006-09-01), pages 2936 - 2944, XP008157101, ISSN: 1533-4880, DOI: HTTP://DX.DOI.ORG/10.1166/JNN.2006.451

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**FR 2934161 A1 20100129; FR 2934161 B1 20100917**; CA 2731449 A1 20100204; CN 102131500 A 20110720; EP 2317990 A2 20110511; JP 2011529100 A 20111201; WO 2010012940 A2 20100204; WO 2010012940 A3 20100325

DOCDB simple family (application)

**FR 0855179 A 20080728**; CA 2731449 A 20090724; CN 200980133044 A 20090724; EP 09740381 A 20090724; FR 2009051495 W 20090724; JP 2011520564 A 20090724