

Title (en)

MICROPARTICULATE SYSTEMS FOR THE ORAL ADMINISTRATION OF BIOLOGICALLY ACTIVE SUBSTANCES

Title (de)

MIKROTEILCHEN-SYSTEME ZUR ORALEN VERABREICHUNG VON BIOLOGISCH AKTIVEN SUBSTANZEN

Title (fr)

SYSTEMES DE MICROPARTICULES POUR L'ADMINISTRATION PAR VOIE ORALE DE SUBSTANCES BIOACTIVES

Publication

**EP 1778192 A2 20070502 (EN)**

Application

**EP 05760593 A 20050620**

Priority

- IT 2005000353 W 20050620
- IT MI20041255 A 20040622

Abstract (en)

[origin: WO2005123034A2] The present invention relates to microparticulate systems consisting of a gastroresistant, biocompatible and biodegradable polymer matrix, comprising a gastroresistant and enterosoluble polymer, a cryoprotector or lyoprotector, a divalent or trivalent metal salt of a biocompatible and biodegradable polymer having acid groups, and biologically active substances. Such gastroresistant microparticulate systems are used for the administration, preferably oral, of biologically active substances to animal species. The special composition of such microparticulate systems allows the protection of said biologically active substances from degradation by proteases and gastric acid, allowing their release into the intestine, where they may perform their activities.

IPC 8 full level

**A61K 9/16** (2006.01); **A61K 9/00** (2006.01)

CPC (source: EP)

**A61K 9/1623** (2013.01); **A61K 9/1635** (2013.01); **A61K 9/1652** (2013.01); **A61K 9/1694** (2013.01)

Citation (search report)

See references of WO 2005123034A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005123034 A2 20051229**; **WO 2005123034 A3 20060914**; **WO 2005123034 A8 20060330**; EP 1778192 A2 20070502; IT MI20041255 A1 20040922

DOCDB simple family (application)

**IT 2005000353 W 20050620**; EP 05760593 A 20050620; IT MI20041255 A 20040622