

Title (en)

SUSTAINED-RELEASE DRUG DELIVERY EMPLOYING A POWDERED HYDROCOLLOID GUM OBTAINABLE FROM HIGHER PLANTS

Title (de)

ARZMEIMITTELABGABESYSTEM MIT VERZÖGERTER FREISETZUNG UNTER VERWENDUNG EINES PULVERFÖRMIGEN
HYDROKOLLOIDGUMMI AUS HÖHEREN PFLANZEN

Title (fr)

ADMINISTRATION DE MEDICAMENT A LIBERATION PROLONGEE COMPRENANT UNE GOMME HYDROCOLLOIDE EN POUDRE OBTENUE
A PARTIR DE SPERMATOPHYTES

Publication

EP 0793485 A1 19970910 (EN)

Application

EP 95942521 A 19951130

Priority

- US 9515593 W 19951130
- US 34851594 A 19941201

Abstract (en)

[origin: WO9616638A1] An oral-delivery pharmaceutical composition for achieving sustained release of a drug in a mammal. The composition includes (a) a suitable amount of a pharmaceutically-acceptable hydrocolloid gum obtainable from higher plants (e.g., about 20 % - 90 % by weight), (b) another excipient (e.g., about 5 % - 30 % by weight) that aids in sustained release and (c) a therapeutically-effective amount of a drug. Preferably the mean particle size of the gum is about 150 mu or less. Also disclosed is a process for preparing the composition and a method for achieving sustained release of a drug by administering the composition to a subject in need thereof.

IPC 1-7

A61K 9/16

IPC 8 full level

A61K 9/22 (2006.01); **A61K 9/20** (2006.01); **A61K 9/48** (2006.01); **A61K 47/36** (2006.01)

CPC (source: EP)

A61K 9/2031 (2013.01); **A61K 9/205** (2013.01); **A61K 9/2054** (2013.01); **A61K 9/4808** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9616638 A1 19960606; AU 4372096 A 19960619; AU 709413 B2 19990826; CA 2205351 A1 19960606; CN 1172429 A 19980204;
EP 0793485 A1 19970910; EP 0793485 A4 19980826; FI 972304 A0 19970530; FI 972304 A 19970530; JP H10509981 A 19980929;
MX 9704043 A 19980228; NO 972486 D0 19970530; NO 972486 L 19970731

DOCDB simple family (application)

US 9515593 W 19951130; AU 4372096 A 19951130; CA 2205351 A 19951130; CN 95197093 A 19951130; EP 95942521 A 19951130;
FI 972304 A 19970530; JP 51907396 A 19951130; MX 9704043 A 19951130; NO 972486 A 19970530