

Title (en)

A DRUG DELIVERY DEVICE AND A METHOD OF MAKING SUCH DEVICE.

Title (de)

VORRICHTUNG ZUR ARZNEISTOFFABGABE UND VERFAHREN ZUR HERSTELLUNG EINER SOLCHEN VORRICHTUNG.

Title (fr)

DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS ET SON PROCEDE DE FABRICATION.

Publication

EP 0648129 A1 19950419 (EN)

Application

EP 93914649 A 19930706

Priority

- DK 89592 A 19920707
- DK 9300227 W 19930706

Abstract (en)

[origin: WO9401136A1] A drug delivery device comprising a polymer matrix and a drug contained in or surrounded by the matrix which polymer matrix is a cross-linked hydrogel matrix comprising a dextranase degradable polymer and a cross-linking agent providing covalent bonded network linkage between the polymer chains. The device is suitable for delivering drug to the colon. A method of making the device comprising: (a) dissolving a dextranase degradable polymer in a solvent; (b) adding a cross linking agent capable of cross-linking the polymer with covalent bonds to the solution; (c) allowing the cross-linking agent to react with the dextranase degradable polymer to provide a cross-linked hydrogel matrix, and loading the drug into said solution before or after the reaction between the polymer and the cross-linking agent has finished.

IPC 1-7

A61K 47/36

IPC 8 full level

A61K 9/00 (2006.01); **A61K 9/20** (2006.01); **A61K 9/22** (2006.01); **A61K 47/36** (2006.01)

CPC (source: EP KR)

A61K 9/205 (2013.01 - EP); **A61K 47/36** (2013.01 - KR)

Citation (search report)

See references of WO 9401136A1

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 9401136 A1 19940120; AU 4417893 A 19940131; AU 671651 B2 19960905; BR 9306700 A 19981208; CA 2139747 A1 19940120; CZ 3895 A3 19950913; DK 89592 D0 19920707; EP 0648129 A1 19950419; FI 950065 A0 19950105; FI 950065 A 19950302; HU 9500042 D0 19950328; HU T75665 A 19970528; JP H07508735 A 19950928; KR 950702437 A 19950729; NZ 253678 A 19960726; PL 172724 B1 19971128; PL 307050 A1 19950502; RU 2139093 C1 19991010; SK 1795 A3 19950913

DOCDB simple family (application)

DK 9300227 W 19930706; AU 4417893 A 19930706; BR 9306700 A 19930706; CA 2139747 A 19930706; CZ 3895 A 19930706; DK 89592 A 19920707; EP 93914649 A 19930706; FI 950065 A 19950105; HU 9500042 A 19930706; JP 50284393 A 19930706; KR 19950700048 A 19950106; NZ 25367893 A 19930706; PL 30705093 A 19930706; RU 95105519 A 19930706; SK 1795 A 19930706