

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

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- 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.

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