Title (en)

A NOVEL BIOADHESIVE DRUG DELIVERY SYSTEM BASED ON LIQUID CRYSTALS

Title (de)

NEUES BIOADHÄSIVES ARZNEISTOFFABGABESYSTEM AUF BASIS VON FLÜSSIGKRISTALLEN

Title (fr)

NOUVEAU SYSTEME BIOADHESIF D'ADMINISTRATION DE MEDICAMENTS BASE SUR DES CRISTAUX LIQUIDES

Publication

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Application

EP 98914850 A 19980417

Priority

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Abstract (en)

[origin: WO9847487A1] A drug delivery system containing a liquid crystalline phase such as a cubic, a hexagonal, a reverse hexagonal, a lamellar, a micellar and a reverse micellar liquid crystalline phase. The compositions are unique in that they, as delivery system, contain A) a substance which is capable of generating a liquid crystalline phase and providing suitable biopharmaceutical properties like e.g. suitable release of the active substance and bioadhesive properties, and B) at least another substance which without having any substantially negative effect on the biopharmaceutical properties provided by the substance mentioned above under A) either takes part in the formation of a liquid crystalline phase or dilutes the proportion of liquid crystalline phase in the composition while still maintaining suitable biopharmaceutical properties and a suitable storage stability. Examples of substances A) are fatty acid esters like e.g. glycerylmonooleate and glycerylmonolinoleate and examples of substances B) are e.g. structurants like phospholipids and tocopherols and/or pharmaceutically acceptable excipients.

IPC 1-7

A61K 9/127

IPC 8 full level

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