

Title (en)

LIPOSOME TRANSDERMAL DRUG DELIVERY SYSTEM.

Title (de)

LIPOSOMENSYSTEM ZUR TRANSDERMALEN ARZNEIMITTELVVERABREICHUNG.

Title (fr)

SYSTEME D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENTS AUX LIPOSOMES.

Publication

**EP 0238554 A4 19871027 (EN)**

Application

**EP 86905653 A 19860911**

Priority

US 78114785 A 19850927

Abstract (en)

[origin: WO8701938A1] A transdermal drug release device for releasing a physiologically active, lipophilic drug to a skin surface at a selected, substantially constant rate over a period of at least about 24 hours. The device includes an aqueous-phase matrix having a surface adapted to be placed against the skin surface, and, embedded within the matrix, liposomes containing the drug in entrapped form and composed of lipid components which are selected to produce such drug release rate. In one embodiment, the matrix contains a water-soluble drug in free form, and then entrapped lipophilic drug is a drug transport agent designed to facilitate transdermal uptake of the water-soluble drug.

IPC 1-7

**A61K 9/42**; **A61J 5/00**; **B01J 13/02**; **B32B 5/16**

IPC 8 full level

**A61K 9/00** (2006.01); **A61K 9/127** (2006.01); **A61K 9/70** (2006.01)

CPC (source: EP)

**A61K 9/127** (2013.01); **A61K 9/7084** (2013.01)

Citation (search report)

- [E] US 4617186 A 19861014 - SCHAEFER DORIS [CH], et al
- [X] JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 74, no. 9, September 1985, pages 922-925, American Pharmaceutical Association; A.L. WEINER et al.: "Liposome-collagen gel matrix: a novel sustained drug delivery system"
- See references of WO 8701938A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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