Title (en)

COMPOSITIONS, METHODS AND DEVICES FOR THE TRANSDERMAL DELIVERY OF DRUGS

Title (de)

ZUSAMMENSETZUNGEN, VERFAHREN UND GERÄTE ZUR TRANSDERMALEN VERABREICHUNG VON ARZNEIMITTELN

Title (fr)

COMPOSITIONS, PROCEDES ET DISPOSITIFS D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENTS

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Application

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Abstract (en)

[origin: WO9743989A1] The present invention is directed to compositions, and methods for the delivery of drugs. Devices for the transdermal delivery of drugs are also provided. Specifically, the present invention relates to hydrogel compositions comprising water and a base mixture, in which the base mixture comprises: (i) a gelling agent consisting of methylcellulose or at least one natural gum, or a mixture thereof; (ii) at least one natural gum; (iii) glucose; (iv) propylparaben; (v) methyl paraben; and (vi) sodium chloride. The compositions may further comprise pectin, glycolic, alcoholic or oil-based additives, a coloring, fragrance, or other pharmaceutically acceptable additive. The compositions may further comprise substituted ureas of the formula R-NH-CO-NH2 such as butylurea. The compositions may further comprise drugs such as hormones selected from progesterone, progestin, estrogen and testosterone. Methods for the treatment of disorders responsive to hormone therapy are also provided. The figure is a cross-sectional view of a membrane-moderated transdermal drug delivery system.

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