

Title (en)

TRANSDERMAL THERAPEUTIC SYSTEM WITH TWO-PHASE RELEASING PROFILE

Title (de)

TRANSDERMALES THERAPEUTISCHES SYSTEM MIT ZWEIPHASIGEM FREISETZUNGSPROFIL

Title (fr)

SYSTÈME THÉRAPEUTIQUE TRANSDERMIQUE À PROFIL DE LIBÉRATION EN DEUX PHASES

Publication

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Application

EP 07802907 A 20070827

Priority

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Abstract (en)

[origin: WO2008043601A2] The present invention relates to a transdermal therapeutic system (TTS) comprising an impermeable covering layer, a matrix containing an ergolin compound of formula (I) or the physiologically compatible salt or derivative thereof, wherein R¹ represents an H atom or a halogen atom and R² an alkyl group with 1 to 4 carbon atoms and ----- a single or double bond, and a removable protective layer, the ergolin compound or the physiologically compatible salt or derivative thereof being stabilized by an antioxidant and a basic polymer. The TTS is characterized in that the matrix contains at least one hydrocarbon having 8 to 18 carbon atoms in a linear or branched chain and carrying a functional group at the end of the alkyl chain, and/or aloe vera oil so that, in a first phase (0-5 hours after application), only 0 to 20 % of the therapeutically desired steady state plasma concentration of the ergolin compound is achieved and, in a second phase (5-20 hours after application), the therapeutically desired steady state plasma concentration of the ergolin compound is achieved.

IPC 8 full level

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