

Title (en)

APPARATUS FOR DOSAGING AN ACTIVE INGREDIENT AND FOR INVESTIGATING THE DOSAGE

Title (de)

VORRICHTUNG ZUR DOSIERUNG EINER AKTIVEN SUBSTANZ UND ZUR UNTERSUCHUNG DER DOSIERUNG

Title (fr)

APPAREIL POUR DOSER UN INGREDIENT ACTIF ET POUR ETUDIER CE MEME DOSAGE

Publication

EP 1173251 A1 20020123 (EN)

Application

EP 00914231 A 20000329

Priority

- FI 0000263 W 20000329
- FI 990977 A 19990429

Abstract (en)

[origin: WO0066216A1] The invention relates to a device based on iontophoresis and intended for transdermal dosing of an active agent, the device comprising: a pair of electrodes (11, 12) and a direct-current source in connection with the electrodes (11 and 12), two chambers (13, 14) insulated from each other, the first chamber (13) containing the active agent, and each chamber having a porous membrane (15, 16) on the side facing the skin of an individual. It is characteristic of the device that the first chamber (13) is divided into two sections (13a, 13b) in such a manner that the first section (13a) is in connection with an electrode (11) and the second section (13b) is in connection with the membrane (15) coming into contact with an individual's skin, there being between the sections (13a and 13b) a membrane (18) selectively permeable either to cations or to anions, and that the first section (13a) contains an electrolyte and the second section (13b) contains an ionic active agent, bound to an ion exchanger therein. The invention also relates to a device for the study of transdermal release of a substance to be dosed.

IPC 1-7

A61N 1/30

IPC 8 full level

A61N 1/30 (2006.01)

CPC (source: EP)

A61N 1/30 (2013.01)

Citation (search report)

See references of WO 0066216A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0066216 A1 20001109; AU 3563500 A 20001117; CA 2368757 A1 20001109; EP 1173251 A1 20020123; FI 107372 B 20010731; FI 990977 A0 19990429; FI 990977 A 20001030

DOCDB simple family (application)

FI 0000263 W 20000329; AU 3563500 A 20000329; CA 2368757 A 20000329; EP 00914231 A 20000329; FI 990977 A 19990429