

Title (en)

METHOD AND APPARATUS FOR ADMINISTRATION OF SUBSTANCES BY ULTRASOUND

Title (de)

VERFAHREN UND GERÄT ZUR VERABREICHUNG VON WIRKSTOFFEN MITTELS ULTRASCHALL

Title (fr)

PROCEDE ET APPAREIL PERMETTANT D'ADMINISTRER DES SUBSTANCES PAR ULTRA-SONS

Publication

EP 0989825 A2 20000405 (EN)

Application

EP 97947208 A 19971212

Priority

- IL 9700405 W 19971212
- IL 11982796 A 19961213

Abstract (en)

[origin: WO9825655A2] The invention concerns a method for administration of substances to or through cells, tissues or membranes by exposing the cells, tissues or membranes to two ultrasound stimuli wherein the first stimulus is used to create transient openings in the cells, tissues or membranes and the second stimulus is used in driving the substances through said openings.

IPC 1-7

A61B 17/20

IPC 8 full level

A61B 17/00 (2006.01); **A61B 18/00** (2006.01); **A61K 41/00** (2006.01); **A61M 37/00** (2006.01); **A61K 9/00** (2006.01)

CPC (source: EP)

A61K 41/0047 (2013.01); **A61M 37/0092** (2013.01); **A61K 9/0009** (2013.01)

Citation (search report)

See references of WO 9825655A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

WO 9825655 A2 19980618; **WO 9825655 A3 19980813**; AU 5234598 A 19980703; AU 735972 B2 20010719; CA 2274690 A1 19980618; EP 0989825 A2 20000405; IL 119827 A0 19970318; IL 119827 A 20010808; JP 2001506880 A 20010529

DOCDB simple family (application)

IL 9700405 W 19971212; AU 5234598 A 19971212; CA 2274690 A 19971212; EP 97947208 A 19971212; IL 11982796 A 19961213; JP 52643998 A 19971212