

Title (en)

DEVICE FOR TRANSFERRING MOLECULES INTO CELLS

Title (de)

VORRICHTUNG ZUM TRANSFER VON MOLEKÜLEN IN ZELLEN

Title (fr)

PROCEDE POUR TRANSFERER DES MOLECULES DANS DES CELLULES

Publication

**EP 1244770 A2 20021002 (DE)**

Application

**EP 00990583 A 20001223**

Priority

- DE 0004631 W 20001223
- DE 19962904 A 19991223
- DE 10063942 A 20001220

Abstract (en)

[origin: WO0148181A2] The invention relates to a medium in which cells and molecules to be transferred into these cells are located. Said medium is moved inside a hollow cylindrical device, which generates acoustic pulses that induce cavitation, in relation to an area in which the acoustic pulses occur in a focussed manner.

[origin: WO0148181A2] The invention relates to a medium in which cells and molecules to be transferred in these cells are located. Said medium is moved inside a hollow cylindrical device, which generates acoustic pulses that induce cavitation, in relation to an area in which the acoustic pulses occur in a focussed manner.

IPC 1-7

**C12M 1/42**

IPC 8 full level

**C12M 1/00** (2006.01); **C12M 3/00** (2006.01)

CPC (source: EP US)

**C12M 35/04** (2013.01 - EP US)

Citation (search report)

See references of WO 0148181A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0148181 A2 20010705; WO 0148181 A3 20020418;** CA 2397271 A1 20010705; EP 1244770 A2 20021002; JP 2003533974 A 20031118;  
US 2003017578 A1 20030123

DOCDB simple family (application)

**DE 0004631 W 20001223;** CA 2397271 A 20001223; EP 00990583 A 20001223; JP 2001548694 A 20001223; US 17782302 A 20020621