

Title (en)

METHODS FOR DELIVERING NUCLEIC ACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF

Title (de)

VERFAHREN ZUR ABGABE VON NUKLEINSÄUREMOLEKÜLEN UND IHRE BEURTEILUNG

Title (fr)

TECHNIQUES D'APPORT DE MOLECULES D'ACIDES NUCLEIQUES DANS DES CELLULES ET EVALUATION DE CET APPORT

Publication

EP 1383541 A1 20040128 (EN)

Application

EP 02753692 A 20020322

Priority

- US 0209262 W 20020322
- US 81597901 A 20010322
- US 81598101 A 20010322
- US 8674502 A 20020228

Abstract (en)

[origin: WO02076508A1] Methods for delivering nucleic acid molecules into cells and methods for measuring nucleic acid delivery into cells and the expression of the nucleic acids are provided. The methods are designed for introduction of large nucleic acid molecules, including artificial chromosomes, into cells, and are practiced in vitro and in vivo .

IPC 1-7

A61K 48/00; **A61K 49/00**; **A61B 8/00**; **A61B 10/00**; **C07H 21/00**; **C07H 21/02**; **C07H 21/04**; **C12N 5/10**; **C12N 5/14**; **C12N 5/16**; **C12N 5/22**; **C12N 13/00**; **C12N 15/00**; **C12N 15/63**; **C12N 15/65**; **C12N 15/88**; **C12N 15/74**; **C12N 15/82**; **C12N 15/85**; **C12P 21/00**; **C12P 21/02**

IPC 8 full level

A61K 47/22 (2006.01); **A61K 35/12** (2006.01); **A61K 38/00** (2006.01); **A61K 41/00** (2006.01); **A61K 47/24** (2006.01); **A61K 47/30** (2006.01); **A61K 47/44** (2006.01); **A61K 48/00** (2006.01); **A61M 37/00** (2006.01); **A61P 19/02** (2006.01); **A61P 29/00** (2006.01); **C12N 15/63** (2006.01); **C12N 15/88** (2006.01)

CPC (source: EP)

A61K 41/0047 (2013.01); **A61K 48/0008** (2013.01); **A61K 48/0025** (2013.01); **A61K 48/0083** (2013.01); **A61P 19/02** (2017.12); **A61P 29/00** (2017.12); **C12N 15/63** (2013.01); **C12N 15/88** (2013.01)

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

WO 02076508 A1 20021003; **WO 02076508 B1 20021212**; CA 2441535 A1 20021003; CA 2441535 C 20080826; EP 1383541 A1 20040128; EP 1383541 A4 20091104; IL 157703 A0 20040328; JP 2004532205 A 20041021; NZ 527972 A 20060428

DOCDB simple family (application)

US 0209262 W 20020322; CA 2441535 A 20020322; EP 02753692 A 20020322; IL 15770303 A 20030222; JP 2002575020 A 20020322; NZ 52797202 A 20020322