

Title (en)

IMPROVED METHODS OF DELIVERY USING CATIONIC LIPIDS AND HELPER LIPIDS

Title (de)

VERBESSERTE VERFAHREN ZUR VERABREICHUNG UNTER VERWENDUNG VON KATIONISCHEN LIPIDEN UND HELFER-LIPIDEN

Title (fr)

METHODES AMELIOREES DE TRANSPORT UTILISANT DES LIPIDES CATIONIQUES ET DES LIPIDES ASSISTANTS

Publication

EP 0975332 A1 20000202 (EN)

Application

EP 98915263 A 19980403

Priority

- US 9806606 W 19980403
- US 83274997 A 19970404

Abstract (en)

[origin: WO9844909A1] Methods and compositions are provided for the introduction of polyanionic molecules, in particular, nucleic acids, into mammalian cells using certain phosphatidyl ethanolamines as helper lipids in conjunction with various cationic lipids. In particular, cationic lipid-mediated transfection of mammalian cells is improved by the use of lipid carriers comprising DLPE or DiPPE and cationic lipids.

IPC 1-7

A61K 9/127; **A61K 47/48**

IPC 8 full level

A61K 9/127 (2006.01); **A61K 48/00** (2006.01); **C12N 15/88** (2006.01)

CPC (source: EP)

A61K 9/1272 (2013.01); **A61K 47/544** (2017.07); **A61K 48/00** (2013.01); **C12N 15/88** (2013.01)

Citation (search report)

See references of WO 9844909A1

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 9844909 A1 19981015; AU 6949098 A 19981030; CA 2286739 A1 19981015; EP 0975332 A1 20000202

DOCDB simple family (application)

US 9806606 W 19980403; AU 6949098 A 19980403; CA 2286739 A 19980403; EP 98915263 A 19980403