

Title (en)

NOVEL NUCLEIC ACID TRANSFERRING AGENTS, COMPOSITIONS CONTAINING THEM AND USES

Title (de)

NEUE NUKLEINSÄURE-ÜBERTRAGUNGSMITTEL, IHRE ZUSAMMENSETZUNGEN UND IHRE VERWENDUNGEN

Title (fr)

NOUVEAUX AGENTS DE TRANSFERT D'ACIDES NUCLEIQUES, COMPOSITIONS LES CONTENANT ET LEURS UTILISATIONS

Publication

EP 1137793 A2 20011004 (FR)

Application

EP 99958234 A 19991202

Priority

- FR 9902995 W 19991202
- FR 9815309 A 19981203
- US 11718499 P 19990126

Abstract (en)

[origin: WO0032803A2] The invention concerns novel transfer agents, compositions containing them and their uses for transferring in vitro, in vivo or ex vivo nucleic acids into cells. More precisely, the invention concerns novel nucleic acid transfer agents comprising a hydrophobic spacer chemically bound to a polycation and to at least a hydrophilic substituent.

IPC 1-7

C12N 15/87; **A61K 48/00**; **C07H 15/04**

IPC 8 full level

A61K 31/7088 (2006.01); **A61K 38/44** (2006.01); **A61K 48/00** (2006.01); **C12N 15/00** (2006.01); **A61P 43/00** (2006.01); **C07H 15/04** (2006.01); **C12N 15/87** (2006.01)

CPC (source: EP KR)

A61K 31/7028 (2013.01 - KR); **A61K 48/00** (2013.01 - EP KR); **A61P 43/00** (2018.01 - EP); **C07H 15/04** (2013.01 - EP KR); **C12N 15/87** (2013.01 - EP KR)

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 0032803 A2 20000608; **WO 0032803 A3 20001012**; AU 1564600 A 20000619; AU 772033 B2 20040408; BR 9915897 A 20010821; CA 2353576 A1 20000608; CN 1348498 A 20020508; CZ 20011909 A3 20010912; EP 1137793 A2 20011004; HU P0200345 A2 20020529; HU P0200345 A3 20031229; IL 142704 A0 20020310; JP 2002531468 A 20020924; KR 20010101116 A 20011114; NO 20012684 D0 20010531; NO 20012684 L 20010730; PL 348513 A1 20020603

DOCDB simple family (application)

FR 9902995 W 19991202; AU 1564600 A 19991202; BR 9915897 A 19991202; CA 2353576 A 19991202; CN 99813646 A 19991202; CZ 20011909 A 19991202; EP 99958234 A 19991202; HU P0200345 A 19991202; IL 14270499 A 19991202; JP 2000585434 A 19991202; KR 20017006897 A 20010601; NO 20012684 A 20010531; PL 34851399 A 19991202