

Title (en)
THERAPEUTIC DELIVERY COMPOSITIONS AND METHODS OF USE THEREOF

Title (de)
ZUSAMMENSETZUNGEN ZUR THERAPEUTISCHEN ZUFÜHRUNG SOWIE VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)
COMPOSITIONS D'ADMINISTRATION THERAPEUTIQUE ET METHODES D'UTILISATION ASSOCIEES

Publication
EP 1421170 A2 20040526 (EN)

Application
EP 02765919 A 20020731

Priority
• US 0224425 W 20020731
• US 91950401 A 20010731
• US 92981901 A 20010814

Abstract (en)
[origin: WO03011008A2] The present invention relates to compositions and methods for treating infectious diseases and genetic disorders through gene therapy and intracellular delivery of antisense oligonucleotides or other nucleic acid sequences. The present invention comprises a therapeutic delivery composition effective for treating a disease state comprising an administerable admixture of an effective amount of a therapeutic compound capable of altering nucleic acid sequence function and an effective amount of a block copolymer having the following general formula: Wherein, the mean aggregate molecular weight of the portion of the octablock copolymer represented by polyoxypropylene is between about 5000 and about 7000 Daltons; a is a number such that the portion represented by polyoxyethylene constitutes between about 10% to about 40% of the compound by weight; and b is a number such that the polyoxypropylene portion of the total molecular weight of the octablock copolymer constitutes between about 30 60% and about 90% of the compound by weight. The present invention also includes compositions and methods using biologically active reverse block copolymers. The reverse copolymers

IPC 1-7
A61K 31/00; A61K 38/00; A61K 47/00; A61K 45/00

IPC 8 full level
A61K 47/34 (2006.01); **A61K 9/00** (2006.01); **A61K 31/7088** (2006.01); **A61K 31/7105** (2006.01); **A61K 31/711** (2006.01); **A61K 45/00** (2006.01); **A61K 47/10** (2006.01); **A61K 48/00** (2006.01); **A61P 31/00** (2006.01); **A61P 31/12** (2006.01); **A61P 31/14** (2006.01); **A61P 31/18** (2006.01); **A61P 37/02** (2006.01)

CPC (source: EP)
A61K 9/0019 (2013.01); **A61K 47/10** (2013.01); **A61P 31/00** (2017.12); **A61P 31/12** (2017.12); **A61P 31/14** (2017.12); **A61P 31/18** (2017.12); **A61P 37/02** (2017.12)

Citation (search report)
See references of WO 03011008A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03011008 A2 20030213; WO 03011008 A3 20040325; CA 2455843 A1 20030213; EP 1421170 A2 20040526; JP 2005500340 A 20050106

DOCDB simple family (application)
US 0224425 W 20020731; CA 2455843 A 20020731; EP 02765919 A 20020731; JP 2003516253 A 20020731