

Title (en)

POLYAMPHOLYTES FOR DELIVERING POLYIONS TO A CELL

Title (de)

POLYAMPHOLYTE ZUR EINBRINGUNG VON POLYIONEN IN ZELLEN

Title (fr)

POLYAMPHOLYTES DESTINES A INTRODUIRE DES POLYIONS DANS UNE CELLULE

Publication

EP 1248838 A1 20021016 (EN)

Application

EP 01901714 A 20010102

Priority

- US 0100205 W 20010102
- US 17413299 P 19991231

Abstract (en)

[origin: WO0149841A1] An polyampholyte is utilized in a condensed polynucleotide complex for purposes of nucleic acid delivery to a cell. The complex can be formed with an appropriate amount of positive and/or negative charge such that the resulting complex can be delivered to the extravascular space and may be further delivered to a cell.

IPC 1-7

C12N 15/00; **C12N 15/88**; **C12N 15/63**; **A61K 48/00**; **A61K 9/127**

IPC 8 full level

A61K 47/48 (2006.01); **C12N 15/88** (2006.01)

CPC (source: EP)

A61K 47/58 (2017.07); **A61K 47/59** (2017.07); **A61K 47/645** (2017.07); **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

DOCDB simple family (publication)

WO 0149841 A1 20010712; EP 1248838 A1 20021016; EP 1248838 A4 20040825

DOCDB simple family (application)

US 0100205 W 20010102; EP 01901714 A 20010102