

Title (en)
COCHLEATE FORMULATIONS AND THEIR USE FOR DELIVERING BIOLOGICALLY RELEVANT MOLECULES

Title (de)
COCHLEATEFORMULIERUNGEN UND VERWENDUNG DERSELBEN FÜR DIE VERABREICHUNG VON BIOLOGISCH AKTIVEN MOLEKÜLEN

Title (fr)
NOUVELLES FORMULATIONS COCHLEAIRES, PROCEDE DE PREPARATION ET UTILISATION DE CELLES-CI DANS L'ADMINISTRATION DE MOLECULES BIOLOGIQUEMENT UTILES

Publication
EP 1259224 A2 20021127 (EN)

Application
EP 01903273 A 20010124

Priority

- US 0102299 W 20010124
- US 0001684 W 20000124
- US 61384000 A 20000711

Abstract (en)
[origin: WO0152817A2] A process for producing a small-sized, lipid-based cochleate. Cochleates are derived from liposomes which are suspended in an aqueous two-phase polymer solution, enabling the differential partitioning of polar molecule based-structures by phase separation. The liposome-containing two-phase polymer solution, treated with positively charged molecules such as Ca²⁺ or Zn²⁺, forms a cochleate precipitate of a particle size less than one micron. The process may be used to produce cochleates containing biologically relevant molecules.

IPC 1-7
A61K 9/127

IPC 8 full level
A23L 1/30 (2006.01); **A61K 9/00** (2006.01); **A61K 9/127** (2006.01); **A61K 9/72** (2006.01); **A61K 31/07** (2006.01); **A61K 31/122** (2006.01); **A61K 31/19** (2006.01); **A61K 31/197** (2006.01); **A61K 31/355** (2006.01); **A61K 31/593** (2006.01); **A61K 31/70** (2006.01); **A61K 31/7004** (2006.01); **A61K 31/7016** (2006.01); **A61K 33/06** (2006.01); **A61K 33/26** (2006.01); **A61K 33/30** (2006.01); **A61K 47/02** (2006.01); **A61K 47/24** (2006.01); **A61K 47/30** (2006.01); **A61K 47/34** (2006.01); **A61K 47/46** (2006.01); **A61K 47/48** (2006.01); **A61P 3/02** (2006.01)

CPC (source: EP)
A61K 9/1274 (2013.01); **A61P 3/02** (2017.12)

Citation (search report)
See references of WO 0152817A2

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 0152817 A2 20010726; **WO 0152817 A3 20020221**; AU 3111401 A 20010731; CA 2397792 A1 20010726; EP 1259224 A2 20021127; JP 2003529557 A 20031007

DOCDB simple family (application)
US 0102299 W 20010124; AU 3111401 A 20010124; CA 2397792 A 20010124; EP 01903273 A 20010124; JP 2001552865 A 20010124