

Title (en)  
DELIVERY VEHICLES FOR BIOACTIVE AGENTS AND USES THEREOF

Title (de)  
VERABREICHUNGSTRÄGER FÜR BIOAKTIVEN WIRKSTOFFEN UND IHRE VERWENDUNG

Title (fr)  
VEHICULES DE FOURNITURE D'AGENTS BIOACTIFS ET LEURS UTILISATIONS

Publication  
**EP 1023045 A2 20000802 (EN)**

Application  
**EP 98955098 A 19981023**

Priority  
• US 9822552 W 19981023  
• US 6311497 P 19971024  
• US 95669497 A 19971024

Abstract (en)  
[origin: WO9921533A2] Compositions for transporting a bioactive agent across a biological membrane include the bioactive agent, an oil, an oil-immiscible compound and a noncationic surface active agent. The compositions may deliver the bioactive agent through a chemical microporation mechanism, which allows transfer of the agent across both cellular, intracellular organelle, and nuclear membranes. Compositions for nucleic acid delivery include nucleic acid, oil, oil-immiscible compound, noncationic surface active agent and essentially no cationic lipid, or include nucleic acid, oil, oil-immiscible compound and two noncationic surface active agents. The nucleic acid may be hydrophobically-modified, and be in combination with an oil, an oil-immiscible compound and at least one surface active agent. The compositions may be used for gene delivery to a cell, as well as delivery of other therapeutic agent.

IPC 1-7  
**A61K 9/107**; **A61K 48/00**

IPC 8 full level  
**A61K 9/107** (2006.01)

CPC (source: EP)  
**A61K 9/1075** (2013.01)

Citation (search report)  
See references of WO 9921533A2

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)  
**WO 9921533 A2 19990506**; **WO 9921533 A3 19990708**; AU 1198599 A 19990517; CA 2306090 A1 19990506; EP 1023045 A2 20000802

DOCDB simple family (application)  
**US 9822552 W 19981023**; AU 1198599 A 19981023; CA 2306090 A 19981023; EP 98955098 A 19981023