

Title (en)

USE OF SUBMICRON OIL-IN-WATER EMULSIONS WITH DNA VACCINES

Title (de)

VERWENDUNG VON SUBMIKRON ÖL-IN-WASSER EMULSIONEN MIT DNA IMPFSTOFFEN

Title (fr)

UTILISATION D'EMULSIONS HUILE DANS EAU SUBMICRONIQUES AVEC DES VACCINS A ADN

Publication

**EP 1006999 A2 20000614 (EN)**

Application

**EP 98933312 A 19980708**

Priority

- US 9814310 W 19980708
- US 5194497 P 19970708
- US 5475697 P 19970805

Abstract (en)

[origin: WO9902132A2] The use of submicron oil-in-water emulsions with nucleic acid immunization techniques is disclosed. The method includes immunization with vaccine compositions containing nucleic acid molecules encoding one or more antigens of interest, as well as administration of a submicron oil-in-water adjuvant, such as MF59. The adjuvant can be administered either before, after or simultaneously with the nucleic acid vaccines.

IPC 1-7

**A61K 9/00**

IPC 8 full level

**A61K 9/00** (2006.01); **A61K 9/107** (2006.01); **A61K 31/711** (2006.01); **A61K 39/12** (2006.01); **A61K 39/21** (2006.01); **A61K 39/29** (2006.01); **A61K 39/39** (2006.01); **A61K 47/44** (2006.01); **A61K 48/00** (2006.01)

CPC (source: EP)

**A61K 39/12** (2013.01); **A61K 39/21** (2013.01); **A61K 39/29** (2013.01); **A61K 39/292** (2013.01); **A61K 9/1075** (2013.01); **A61K 2039/55505** (2013.01); **A61K 2039/55566** (2013.01); **A61K 2039/572** (2013.01); **C12N 2730/10122** (2013.01); **C12N 2730/10134** (2013.01); **C12N 2740/16134** (2013.01); **Y02A 50/30** (2017.12)

Citation (search report)

See references of WO 9902132A2

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 9902132 A2 19990121**; **WO 9902132 A3 19990812**; AU 8298298 A 19990208; CA 2295740 A1 19990121; EP 1006999 A2 20000614; JP 2002509545 A 20020326

DOCDB simple family (application)

**US 9814310 W 19980708**; AU 8298298 A 19980708; CA 2295740 A 19980708; EP 98933312 A 19980708; JP 50895399 A 19980708