

Title (en)

ADJUVANTED MENINGOCOCCUS COMPOSITIONS

Title (de)

ADJUVANSHALTIGE MENINGOCOCCUS ZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS DE MENINGOCOQUE ASSORTIES D'UN ADJUVANT

Publication

**EP 1438323 A2 20040721 (EN)**

Application

**EP 02800481 A 20021003**

Priority

- US 0231726 W 20021003
- US 32692901 P 20011003
- US 0210869 W 20020405
- US 37354702 P 20020417
- US 38067702 P 20020513
- US 25443802 A 20020924
- US 0230423 W 20020924

Abstract (en)

[origin: WO03028661A2] A combination of CpG oligonucleotides and polymer microparticles is an extremely effective adjuvant for Neisserial antigens. The invention therefore provides a composition comprising: (a) a Neisserial antigen; (b) a CpG oligonucleotide; and (c) a biodegradable polymer microparticle.

IPC 1-7

**C07H 21/02; A61K 39/02; A61K 39/095; A61K 39/385**

IPC 8 full level

**A61K 39/02** (2006.01); **A61K 39/095** (2006.01); **A61K 39/385** (2006.01); **A61K 39/39** (2006.01); **A61P 31/04** (2006.01); **A61P 31/18** (2006.01);  
**A61P 35/00** (2006.01); **C07H 21/02** (2006.01); **C12N 15/31** (2006.01); **C12N 15/48** (2006.01)

CPC (source: EP)

**A61K 39/095** (2013.01); **A61K 39/39** (2013.01); **A61P 31/04** (2017.12); **A61P 31/18** (2017.12); **A61P 35/00** (2017.12); **A61P 37/04** (2017.12);  
**A61K 2039/55555** (2013.01); **A61K 2039/55561** (2013.01); **A61K 2039/55566** (2013.01); **A61K 2039/6093** (2013.01)

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 03028661 A2 20030410; WO 03028661 A3 20031009;** AU 2002334844 B2 20070802; AU 2002334844 B8 20030414;  
BR 0213119 A 20041228; CA 2462646 A1 20030410; CA 2462646 C 20130212; CN 100354297 C 20071212; CN 1599746 A 20050323;  
EP 1438323 A2 20040721; EP 1438323 A4 20070801; JP 2005526697 A 20050908; JP 4522699 B2 20100811; NZ 532274 A 20060224

DOCDB simple family (application)

**US 0231726 W 20021003;** AU 2002334844 A 20021003; BR 0213119 A 20021003; CA 2462646 A 20021003; CN 02824128 A 20021003;  
EP 02800481 A 20021003; JP 2003531997 A 20021003; NZ 53227402 A 20021003