

Title (en)

Solid lipidparticles as stability-, biocompatibility-optimized adjuvant (SBA) for producing a humoral and cellular immune response

Title (de)

Feste Lipidpartikel als Stabilitäts-, Biokompatibilitäts-optimiertes Adjuvans (SBA) zur Erzeugung einer humoralen und zellulären Immunantwort

Title (fr)

Particules lipidiques solides comme adjuvant à stabilité et biocompatibilité optimisées pour la production d'une réponse immunitaire humorale et cellulaire

Publication

**EP 1183045 A2 20020306 (DE)**

Application

**EP 00936761 A 20000519**

Priority

- DE 19923256 A 19990520
- EP 0004565 W 20000519

Abstract (en)

[origin: DE10024788A1] A substance (I) that increases the immune response to an immunization of human or animals, or that increases the amount of antibodies produced and which comprises solid lipid particles at room temperature, is new. A new substance (I) that increases the immune response to an immunization of human or animals, or that increases the amount of antibodies produced comprises solid lipid particles at room temperature. The particles comprise an optimal dose, size, charge and surface activity (stabilizing tenside layer) according to the need of the individual subject. (I) is simply mixed with the antigen solution.

IPC 1-7

**A61K 39/39**; **A61K 9/16**; **A61K 9/50**; **A61K 9/00**

IPC 8 full level

**A61K 9/16** (2006.01); **A61K 9/51** (2006.01); **A61K 39/00** (2006.01); **A61K 39/39** (2006.01); **A61P 37/04** (2006.01); **A61K 9/00** (2006.01)

CPC (source: EP KR)

**A61K 39/39** (2013.01 - EP); **A61K 47/06** (2013.01 - KR); **A61P 37/04** (2017.12 - EP); **A61K 2039/55511** (2013.01 - EP)

Citation (search report)

See references of WO 0071154A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT

DOCDB simple family (publication)

**DE 10024788 A1 20001123**; AU 5214200 A 20001212; AU 5809100 A 20001212; BR 0010823 A 20020305; CA 2373239 A1 20001130; EP 1183045 A2 20020306; JP 2003500365 A 20030107; KR 20020012221 A 20020215; MX PA01011660 A 20040405; TR 200103333 T2 20020422; WO 0071077 A2 20001130; WO 0071154 A2 20001130; WO 0071154 A3 20010628; ZA 200109147 B 20020508

DOCDB simple family (application)

**DE 10024788 A 20000519**; AU 5214200 A 20000519; AU 5809100 A 20000522; BR 0010823 A 20000519; CA 2373239 A 20000519; EP 0004565 W 20000519; EP 0004644 W 20000522; EP 00936761 A 20000519; JP 2000619456 A 20000519; KR 20017014653 A 20011116; MX PA01011660 A 20000519; TR 200103333 T 20000519; ZA 200109147 A 20011106