Title (en)
    NANOEMULSION VACCINES

Title (de)
    NANOEMULSIONSIMPFSTOFFE

Title (fr)
    VACCINS À BASE D'UNE NANOÉMULSION

Publication
    EP 2012771 A2 20090114 (EN)

Application
    EP 07755465 A 20070413

Priority
- US 2007009208 W 20070413
- US 79180006 P 20060413
- US 79175806 P 20060413
- US 79175906 P 20060413

Abstract (en)
    [origin: WO2007120860A2] The present invention provides methods and compositions for the stimulation of immune responses. Specifically, the present invention provides methods and compositions for the use of nanoemulsion compounds as mucosal adjuvants to induce immunity against environmental pathogens. Accordingly, in some embodiments, the present invention provides nanoemulsion vaccines comprising a nanoemulsion and an inactivated pathogen or protein derived from the pathogen. The present invention thus provides improved vaccines against a variety of environmental and human-released pathogens.

IPC 8 full level
    A61K 39/07 (2006.01); **A61K 31/22** (2006.01); **A61K 31/225** (2006.01)

CPC (source: EP US)
    A61K 39/07 (2013.01 - EP); **A61K 39/12** (2013.01 - EP); **A61K 39/21** (2013.01 - EP); **A61K 39/275** (2013.01 - EP); **A61K 39/39** (2013.01 - EP);
    A61P 31/04 (2018.01 - EP); **A61P 37/04** (2018.01 - EP); **C12N 7/00** (2013.01 - EP); A61K 39/00 (2013.01 - EP US);
    A61K 2039/5252 (2013.01 - EP); A61K 2039/543 (2013.01 - EP); A61K 2039/545 (2013.01 - EP); A61K 2039/55505 (2013.01 - EP);
    A61K 2039/55561 (2013.01 - EP); A61K 2039/55566 (2013.01 - EP); A61K 2039/57 (2013.01 - EP); A61K 2039/64 (2013.01 - EP);
    C12N 2710/24134 (2013.01 - EP); C12N 2710/24163 (2013.01 - EP); C12N 2740/16122 (2013.01 - EP); C12N 2740/16134 (2013.01 - EP)

Designated contracting state (EPC)
    AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
    AL BA HR MK RS

DOCDB simple family (publication)
    WO 2007120860 A2 20071025; **WO 2007120860 A3 20080313**; CA 2649457 A1 20071025; CA 2912900 A1 20071025;
    EP 2012771 A2 20090114; EP 2012771 A4 20100127

DOCDB simple family (application)
    US 2007009208 W 20070413; CA 2649457 A 20070413; CA 2912900 A 20070413; EP 07755465 A 20070413