

Title (en)

POLYMERIC MUCOADHESIVES IN THE DELIVERY OF IMMUNOGENS AT MUCOSAL SURFACES

Title (de)

MUCOADHÄSIVE POLYMERE IN DER VERABREICHUNG VON IMMUNOGENEN AN MUKÖSE OBERFLÄCHEN

Title (fr)

MUCOADHESIFS POLYMERES UTILISES DANS L'ADMINISTRATION D'IMMUNOGENES PAR LA SURFACE DE MUQUEUSES

Publication

**EP 0688205 A1 19951227 (EN)**

Application

**EP 94910872 A 19940311**

Priority

- US 9402454 W 19940311
- US 2966893 A 19930311
- US 11957893 A 19930913

Abstract (en)

[origin: WO9420070A1] A pharmaceutical composition for inducing an immune response against an infectious agent in an animal comprises an antigen against the infectious agent and a mucoadhesive, and optionally an adjuvant, to boost the immune response to the antigen in the animal. Preferably, the antigen is derived from an influenza virus. The pharmaceutical composition is useful in a method of immunizing an animal by oral administration of the composition to the animal.

IPC 1-7

**A61K 9/00**; **A61K 47/32**; **A61K 47/38**

IPC 8 full level

**A61K 9/00** (2006.01); **A61K 39/00** (2006.01); **A61K 39/145** (2006.01); **A61K 39/39** (2006.01); **A61K 47/32** (2006.01); **A61K 47/38** (2006.01); **A61K 9/48** (2006.01)

CPC (source: EP)

**A61K 9/0043** (2013.01); **A61K 9/006** (2013.01); **A61K 39/12** (2013.01); **A61K 39/145** (2013.01); **A61K 39/39** (2013.01); **A61K 47/32** (2013.01); **A61K 47/38** (2013.01); **A61K 9/4891** (2013.01); **A61K 2039/5252** (2013.01); **A61K 2039/541** (2013.01); **A61K 2039/542** (2013.01); **A61K 2039/5555** (2013.01); **A61K 2039/55572** (2013.01); **A61K 2039/55577** (2013.01); **A61K 2039/55583** (2013.01); **A61K 2039/55594** (2013.01); **C12N 2760/16134** (2013.01)

Citation (search report)

See references of WO 9420070A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9420070 A1 19940915**; AU 6361694 A 19940926; AU 692440 B2 19980611; BR 9405996 A 19951219; CA 2158040 A1 19940915; CN 1120310 A 19960410; EP 0688205 A1 19951227; JP H08508247 A 19960903

DOCDB simple family (application)

**US 9402454 W 19940311**; AU 6361694 A 19940311; BR 9405996 A 19940311; CA 2158040 A 19940311; CN 94191614 A 19940311; EP 94910872 A 19940311; JP 52024594 A 19940311