

Title (en)
PROTEIN AND PEPTIDE VACCINES FOR INDUCING MUCOSAL IMMUNITY

Title (de)
PROTEIN- UND PEPTID-IMPFFSTOFFE UND INDUZIERUNG DER IMMUNITÄT IN DER SCHLEIMHAUT

Title (fr)
VACCINS A BASE DE PROTEINES ET DE PEPTIDES PERMETTANT D'INDUIRE UNE IMMUNITE AU NIVEAU DES MUQUEUSES

Publication
EP 0929678 A2 19990721 (EN)

Application
EP 97933443 A 19970710

Priority
• US 9712253 W 19970710
• US 2168796 P 19960710

Abstract (en)
[origin: WO9801558A2] A novel vaccine composition combines a protein or peptide antigen, optionally added hydrophobic material and an immunopotentiating membranous carrier which together preserve the antigenic integrity of the protein or peptide epitopes while at the same time enhancing their immunogenicity. Administration of this composition to a subject provokes a protective immune response comprising secretory neutralizing antibodies present in various mucosal sites in the body. This vaccine and the process for using it is intended for use against pathogenic organisms, in particular those causing sexually transmitted diseases or mucosally transmitted diseases. Such organisms include bacteria and enveloped viruses, particularly HIV-1.

IPC 1-7
C12N 15/30; **C12N 15/31**; **C12N 15/49**; **A61K 39/39**; **A61K 39/21**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 39/00** (2006.01); **A61K 39/005** (2006.01); **A61K 39/008** (2006.01); **A61K 39/015** (2006.01); **A61K 39/085** (2006.01); **A61K 39/12** (2006.01); **A61K 39/21** (2006.01); **A61K 39/39** (2006.01); **A61P 31/12** (2006.01); **C07K 7/06** (2006.01); **C07K 14/155** (2006.01); **C12N 15/30** (2006.01)

CPC (source: EP)
A61K 39/005 (2013.01); **A61K 39/008** (2013.01); **A61K 39/015** (2013.01); **A61K 39/085** (2013.01); **A61K 39/12** (2013.01); **A61K 39/21** (2013.01); **A61K 39/39** (2013.01); **A61P 31/12** (2017.12); **A61K 2039/55555** (2013.01); **A61K 2039/55566** (2013.01); **A61K 2039/57** (2013.01); **A61K 2039/6018** (2013.01); **A61K 2039/6068** (2013.01); **C12N 2740/16134** (2013.01)

Citation (search report)
See references of WO 9801558A2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9801558 A2 19980115; **WO 9801558 A3 19980514**; AU 3662997 A 19980202; AU 739723 B2 20011018; CA 2259961 A1 19980115; EP 0929678 A2 19990721; JP 2001505535 A 20010424

DOCDB simple family (application)
US 9712253 W 19970710; AU 3662997 A 19970710; CA 2259961 A 19970710; EP 97933443 A 19970710; JP 50537298 A 19970710