

Title (en)
INHIBITION OF HIV MUCOSAL INFECTION

Title (de)
DIE HEMMUNG DER HIV-INFEKTION DER SCHLEIMHAUT

Title (fr)
INHIBITION DE L'INFECTION DES MUQUEUSES PAR LE VIH

Publication
EP 0726776 A1 19960821 (EN)

Application
EP 94931996 A 19941025

Priority
• US 9412152 W 19941025
• US 14357793 A 19931026

Abstract (en)
[origin: WO9511701A1] Disclosed is a method of inhibiting the entry of HIV into the vaginal and rectal mucosal epithelium by administering a peptide vaccine. Antibodies generated against peptides corresponding to epitopes of gp120 involved in entry into mucosal cells are generated in vivo by introduction of peptides or peptide-cholera toxin conjugates into epithelial cells. The resulting neutralizing antibodies are able to block subsequent infection of these tissues by HIV.

IPC 1-7
A61K 39/12; **A61K 38/00**; **C07K 1/00**

IPC 8 full level
A61K 9/127 (2006.01); **A61K 38/00** (2006.01); **A61K 39/21** (2006.01); **A61P 31/12** (2006.01); **C07K 14/16** (2006.01)

CPC (source: EP)
A61K 39/12 (2013.01); **A61K 39/21** (2013.01); **A61P 31/12** (2017.12); **C07K 14/005** (2013.01); **A61K 2039/542** (2013.01); **A61K 2039/6037** (2013.01); **C07K 2319/00** (2013.01); **C12N 2740/16122** (2013.01); **C12N 2740/16134** (2013.01)

Citation (search report)
See references of WO 9511701A1

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 9511701 A1 19950504; AU 8087994 A 19950522; CA 2169453 A1 19950504; EP 0726776 A1 19960821; JP H09504296 A 19970428

DOCDB simple family (application)
US 9412152 W 19941025; AU 8087994 A 19941025; CA 2169453 A 19941025; EP 94931996 A 19941025; JP 51275095 A 19941025