

Title (en)

SYNTHETIC VACCINE FOR PROTECTION AGAINST HUMAN IMMUNODEFICIENCY VIRUS INFECTION

Title (de)

SYNTETISCHER IMPFSTOFF ZUM SCHUTZ GEGEN EINE INFektION DURCH DAS HUMANE IMMUNDEFIZIENZ VIRUS

Title (fr)

VACCIN DE SYNTHESE POUR LA PROTECTION CONTRE L'INFECTION PAR LE VIRUS DE L'IMMUNODEFICIEENCE HUMAINE

Publication

EP 0868196 A4 20041124 (EN)

Application

EP 96936830 A 19961018

Priority

- US 9616911 W 19961018
- US 54651595 A 19951020
- US 59926696 A 19960209

Abstract (en)

[origin: WO9714436A1] The present invention relates to immunogenic preparations of peptides comprising amino acid sequences corresponding to antigenic determinants of the envelope glycoprotein of HIV, covalently coupled, directly or through a spacer molecule, to carrier molecules suitable for vaccination of mammals.

IPC 1-7

A61K 39/21; A61K 38/00; A61K 38/04; C12Q 1/70; G01N 33/53; G01N 33/567; A61K 38/16; C07K 14/16

IPC 8 full level

G01N 33/531 (2006.01); **A61K 31/00** (2006.01); **A61K 38/00** (2006.01); **A61K 39/21** (2006.01); **A61P 31/00** (2006.01); **A61P 31/12** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/16** (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP)

A61K 39/12 (2013.01); **A61K 39/21** (2013.01); **A61P 31/00** (2017.12); **A61P 31/12** (2017.12); **C07K 14/005** (2013.01); **A61K 2039/545** (2013.01); **A61K 2039/5566** (2013.01); **A61K 2039/6031** (2013.01); **A61K 2039/6037** (2013.01); **C12N 2740/16122** (2013.01); **C12N 2740/16134** (2013.01)

Citation (search report)

- [X] EP 0227169 A2 19870701 - AKZO NV [NL]
- [X] WO 8707616 A1 19871217 - BIOGEN NV [NL], et al
- [X] EP 0387914 A1 19900919 - PASTEUR INSTITUT [FR], et al
- [PA] WO 9529700 A1 19951109 - UNIV DUKE [US]
- [X] NEURATH A R ET AL: "SYNTHETIC PEPTIDES AND ANTI-PEPTIDE ANTIBODIES AS PROBES TO STUDY INTERDOMAIN INTERACTIONS INVOLVED IN VIRUS ASSEMBLY THE ENVELOPE OF THE HUMAN IMMUNODEFICIENCY VIRUS HIV-1", VIROLOGY, vol. 188, no. 1, 1992, pages 1 - 13, XP008035866, ISSN: 0042-6822
- [XD] PALKER T ET AL: "Polyvalent human immunodeficiency virus synthetic immunogen comprised of envelope gp120 T helper cell sites and B cell neutralization epitopes", JOURNAL OF IMMUNOLOGY, THE WILLIAMS AND WILKINS CO. BALTIMORE, US, vol. 142, no. 10, 15 May 1989 (1989-05-15), pages 3612 - 3619, XP002158688, ISSN: 0022-1767
- [A] GROENINK M ET AL: "PHENOTYPE-ASSOCIATE ENV GENE VARIATION AMONG EIGHT RELATED HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 CLONES: EVIDENCE FOR IN VIVO RECOMBINATION AND DETERMINANTS OF CYTOTROPISM OUTSIDE THE V3 DOMAIN", JOURNAL OF VIROLOGY, NEW YORK, US, US, vol. 66, no. 10, October 1992 (1992-10-01), pages 6175 - 6180, XP009019329, ISSN: 0022-538X
- [AD] LOPALCO L ET AL: "IDENTIFICATION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 GLYCOPROTEIN GP120/GP41 INTERACTION SITES BY THE IDIOTYPIC MIMICRY OF TWO MONOClonAL ANTIBODIES", AIDS RESEARCH AND HUMAN RETROVIRUSES, NEW YORK, NY, US, vol. 9, no. 1, January 1993 (1993-01-01), pages 33 - 39, XP001059095, ISSN: 0889-2229
- [A] STAMAMTATOS LEONIDAS ET AL: "Differential regulation of cellular tropism and sensitivity to soluble CD4 neutralization by the envelope gp120 of human immunodeficiency virus type 1", JOURNAL OF VIROLOGY, vol. 68, no. 8, 1994, pages 4973 - 4979, XP002297224, ISSN: 0022-538X
- See references of WO 9714436A1

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 9714436 A1 19970424; AU 7465696 A 19970507; CA 2235168 A1 19970424; EP 0868196 A1 19981007; EP 0868196 A4 20041124; JP H11515006 A 19991221

DOCDB simple family (application)

US 9616911 W 19961018; AU 7465696 A 19961018; CA 2235168 A 19961018; EP 96936830 A 19961018; JP 51609396 A 19961018