

Title (en)

IMPROVED HEAT SHOCK PROTEIN-BASED VACCINES AND IMMUNOTHERAPIES

Title (de)

VERBESSERTE VAKZINE AUF BASIS VON HITZESCHOCKPROTEINEN UND IMMUNTHERAPIEN

Title (fr)

VACCINS AMELIORES A BASE DE PROTEINES DE CHOC THERMIQUE ET IMMUNOTHERAPIES ASSOCIEES

Publication

**EP 1617804 A4 20070725 (EN)**

Application

**EP 04759338 A 20040409**

Priority

- US 2004010983 W 20040409
- US 46246903 P 20030411
- US 46374603 P 20030418
- US 50341703 P 20030916
- US 77652104 A 20040212
- US 2004004340 W 20040213
- US 82006704 A 20040408

Abstract (en)

[origin: WO2004091493A2] Hybrid antigens comprising at least one antigenic domain, at least one heat shock protein binding domain, and at least one improved peptide linker there between are described which are useful for the induction of an immune response to the antigenic domain when administered alone or in a complex with at least one heat shock protein. The hybrid antigens and complexes can be used to treat infectious diseases and cancers that express an antigen of the antigenic domain.

IPC 8 full level

**A61K 39/00** (2006.01); **A61K 39/39** (2006.01); **C07K 2/00** (2006.01); **C07K 4/00** (2006.01)

IPC 8 main group level

**A61K** (2006.01)

CPC (source: EP KR)

**A61K 38/00** (2013.01 - KR); **A61K 39/00** (2013.01 - KR); **A61K 39/39** (2013.01 - EP); **A61P 31/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/04** (2017.12 - EP); **A61K 2039/55516** (2013.01 - EP); **A61K 2039/6043** (2013.01 - EP); **A61K 2039/622** (2013.01 - EP); **Y02A 50/30** (2017.12 - EP)

Citation (search report)

- [A] WO 9922761 A1 19990514 - SLOAN KETTERING INST CANCER [US], et al
- [A] WO 9706821 A1 19970227 - SLOAN KETTERING INST CANCER [US], et al
- [A] WO 0178772 A1 20011025 - MOJAVE THERAPEUTICS INC [US], et al
- [PX] WO 03062262 A2 20030731 - MOJAVE THERAPEUTICS INC [US], et al
- [E] WO 2004071457 A2 20040826 - MOJAVE THERAPEUTICS INC [US], et al
- See references of WO 2004091493A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004091493 A2 20041028; WO 2004091493 A3 20060420**; AU 2004229458 A1 20041028; AU 2004229458 B2 20091119; BR PI0409321 A 20060523; CA 2521809 A1 20041028; EP 1617804 A2 20060125; EP 1617804 A4 20070725; JP 2007525448 A 20070906; KR 20050121721 A 20051227; MX PA05010881 A 20060531

DOCDB simple family (application)

**US 2004010983 W 20040409**; AU 2004229458 A 20040409; BR PI0409321 A 20040409; CA 2521809 A 20040409; EP 04759338 A 20040409; JP 2006509858 A 20040409; KR 20057019351 A 20051011; MX PA05010881 A 20040409