

Title (en)  
CHIMERIC ANTIGENS AND VACCINES

Title (de)  
CHIMÄRE ANTIGENE UND IMPFSTOFFE

Title (fr)  
ANTIGENES CHIMERIQUES ET VACCINS

Publication  
**EP 1951876 A2 20080806 (EN)**

Application  
**EP 06821354 A 20061107**

Priority  
• IB 2006054143 W 20061107  
• ZA 200508983 A 20051107

Abstract (en)  
[origin: WO2007052238A2] The invention provides a chimeric antigen which includes an orbivirus VP7 polypeptide with a foreign peptide inserted into a top domain region of said orbivirus VP7 polypeptide. The chimeric antigen in accordance may be used for treating or preventing a disease such as foot and mouth disease, African horsesickness, or bluetongue disease. The invention also extends to a method of inducing an immune response in a subject by administering an effective amount of an immunogenic composition comprising the chimeric antigen and a pharmaceutically acceptable carrier or diluent to the subject thereby to elicit or induce said immune response.

IPC 8 full level  
**C12N 15/62** (2006.01)

CPC (source: EP)  
**A61K 39/12** (2013.01); **A61K 39/135** (2013.01); **A61K 39/15** (2013.01); **A61K 39/21** (2013.01); **C07K 14/005** (2013.01); **C12N 15/62** (2013.01); **A61K 2039/5256** (2013.01); **A61K 2039/5258** (2013.01); **A61K 2039/552** (2013.01); **A61K 2039/55566** (2013.01); **A61K 2039/6075** (2013.01); **A61K 2039/64** (2013.01); **C07K 2319/00** (2013.01); **C12N 2710/14043** (2013.01); **C12N 2720/12122** (2013.01); **C12N 2720/12134** (2013.01); **C12N 2770/32122** (2013.01); **C12N 2770/32134** (2013.01)

Citation (search report)  
See references of WO 2007052238A2

Citation (examination)  
• CHANG-KWANG LIMN ET AL: "Functional Dissection of the Major Structural Protein of Bluetongue Virus: Identification of Key Residues within VP7 Essential for Capsid Assembly", JOURNAL OF VIROLOGY, 1 June 2000 (2000-06-01), pages 8658 - 8669, XP055017800, Retrieved from the Internet <URL:http://www.ncbi.nlm.nih.gov/pmc/articles/PMC116377/pdf/jv008658.pdf> [retrieved on 20120127]  
• MONASTYRSKAYA K ET AL: "Effects of Domain-Switching and Site-Directed Mutagenesis on the Properties and Functions of the VP7 Proteins of Two Orbiviruses", VIROLOGY, ACADEMIC PRESS, ORLANDO, US, vol. 237, no. 2, 27 October 1997 (1997-10-27), pages 217 - 227, XP004452094, ISSN: 0042-6822, DOI: 10.1006/VIRO.1997.8776

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007052238 A2 20070510; WO 2007052238 A3 20071115; WO 2007052238 A8 20070621**; EP 1951876 A2 20080806; MA 29978 B1 20081103; TN SN08184 A1 20091030; ZA 200803664 B 20090225

DOCDB simple family (application)  
**IB 2006054143 W 20061107**; EP 06821354 A 20061107; MA 30975 A 20080530; TN SN08184 A 20080424; ZA 200803664 A 20080425