

Title (en)
NOVEL METHODS FOR INTRODUCING MOLECULES INTO CELLS AND VECTORS AND COMPOSITIONS FOR USE IN SUCH METHODS

Title (de)
NEUE VERFAHREN ZUM EINSCHLEUSEN VON MOLEKÜLEN IN ZELLEN, UND VEKTOREN UND ZUSAMMENSETZUNGEN FÜR DIE VERWENDUNG BEI DIESEN VERFAHREN

Title (fr)
NOUVELLES METHODES D'INTRODUCTION DE MOLECULES DANS DES CELLULES ET DANS DES VECTEURS ET COMPOSITIONS DESTINEES A ETRE UTILISEES DANS LESDITES METHODES

Publication
EP 1436315 A2 20040714 (EN)

Application
EP 02802161 A 20021018

Priority
• US 0233305 W 20021018
• US 3931801 A 20011019

Abstract (en)
[origin: WO03035892A2] Provided are chimeric molecules (i.e., antibody fusion or fusion protein) comprising a carboxy terminal protein import sequence and an amino terminal cargo region. A preferred chimeric molecule according to the invention is a chimeric molecule in which a protein import sequence (i.e., a HIV tat peptide) is linked to a Fab directed against a viral pathogen, such hCMV. Also provided are nucleic acid molecules encoding the chimeric molecules of the invention, as well as vectors and host cells comprising the nucleic acid molecules. In addition, methods of making, methods of using, and compositions comprising a chimeric molecule of the invention are provided. The vector constructs according to the invention can be employed for intracellular delivery, and particularly, for intracellular immunization.

IPC 1-7
C07K 2/00; **C07K 14/00**; **C07K 14/025**; **C07K 14/155**

IPC 8 full level
C07K 14/16 (2006.01); **C07K 16/08** (2006.01); **C12N 15/87** (2006.01)

CPC (source: EP)
C07K 14/005 (2013.01); **C07K 16/085** (2013.01); **C12N 15/87** (2013.01); **C07K 2317/77** (2013.01); **C07K 2319/00** (2013.01); **C12N 2740/16322** (2013.01)

Citation (search report)
See references of WO 03035892A2

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

DOCDB simple family (publication)
WO 03035892 A2 20030501; **WO 03035892 A3 20030717**; **WO 03035892 A9 20031204**; AU 2002356824 A1 20030506;
EP 1436315 A2 20040714

DOCDB simple family (application)
US 0233305 W 20021018; AU 2002356824 A 20021018; EP 02802161 A 20021018