

Title (en)

ADENOVIRUS VECTORS WITH KNOBLESS FIBERS, AND THEIR USES

Title (de)

ADENOVIRALE VEKTOREN OHNE KNOB-DOMÄNE IM FIBER PROTEIN, UND VERWENDUNGEN DAVON

Title (fr)

VECTEURS D'ADENOVIRUS A FIBRES SANS SPICULE, ET LEURS UTILISATIONS

Publication

EP 1276888 A2 20030122 (EN)

Application

EP 01926234 A 20010426

Priority

- NL 0100323 W 20010426
- US 20016000 P 20000426

Abstract (en)

[origin: WO0181607A2] The present invention provides novel adenoviral vectors, in which the knob of the fiber protein has been removed and replaced with a binding ligand. The invention also provides methods of constructing such vectors and provides uses for such vectors. A modified knobless adenovirus comprising a new binding ligand according to the invention has improved capabilities of entry into specific cell types.

IPC 1-7

C12N 15/86; **C12N 15/10**

IPC 8 full level

C07K 14/075 (2006.01); **C07K 14/15** (2006.01); **C12N 15/861** (2006.01)

CPC (source: EP)

C07K 14/005 (2013.01); **C12N 15/86** (2013.01); **C07K 2319/00** (2013.01); **C12N 2710/10322** (2013.01); **C12N 2710/10343** (2013.01); **C12N 2710/10345** (2013.01); **C12N 2740/13022** (2013.01); **C12N 2810/60** (2013.01); **C12N 2810/6054** (2013.01); **C12N 2810/80** (2013.01); **C12N 2810/855** (2013.01); **C12N 2810/859** (2013.01)

Citation (search report)

See references of WO 0181607A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0181607 A2 20011101; **WO 0181607 A3 20020613**; AU 5276601 A 20011107; CA 2407518 A1 20011101; EP 1276888 A2 20030122

DOCDB simple family (application)

NL 0100323 W 20010426; AU 5276601 A 20010426; CA 2407518 A 20010426; EP 01926234 A 20010426