

Title (en)

NOVEL ADENOVIRAL VECTORS FOR GENE THERAPY

Title (de)

ADENOVIRALE VEKTOREN FÜR DIE GENTHERAPY

Title (fr)

NOUVEAUX VECTEURS ADENOVIRaux UTILISES EN THERAPIE GENIQUE

Publication

EP 1084236 A4 20030402 (EN)

Application

EP 99927250 A 19990604

Priority

- US 9912548 W 19990604
- US 8860598 P 19980609
- US 9725898 P 19980820

Abstract (en)

[origin: WO9964577A1] Helper dependent adenoviral vectors are suitable for use in gene therapy, as they are stable, contain only a very small amount less than about 0.5 % of helper virus contamination, and are less immunogenic than previous adenoviral vectors. The only viral DNA in the vectors are ITRs and packaging signals, and overall size is about 26-38 kb.

IPC 1-7

C12N 15/00; C12N 5/00; A61K 48/00; C12N 15/85

IPC 8 full level

A61K 35/76 (2006.01); **A61K 38/22** (2006.01); **A61K 48/00** (2006.01); **C07K 14/575** (2006.01); **C12N 5/10** (2006.01); **C12N 7/00** (2006.01);
C12N 15/09 (2006.01); **C12N 15/861** (2006.01)

CPC (source: EP)

A61K 38/2264 (2013.01); **C07K 14/5759** (2013.01); **C12N 15/86** (2013.01); **A61K 48/00** (2013.01); **C12N 2710/10343** (2013.01);
C12N 2800/30 (2013.01); **C12N 2830/38** (2013.01)

Citation (search report)

- [X] WO 9412649 A2 19940609 - GENZYME CORP [US]
- See references of WO 9964577A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9964577 A1 19991216; CA 2329947 A1 19991216; EP 1084236 A1 20010321; EP 1084236 A4 20030402; JP 2002517234 A 20020618

DOCDB simple family (application)

US 9912548 W 19990604; CA 2329947 A 19990604; EP 99927250 A 19990604; JP 2000553567 A 19990604