Title (en)
PRODUCTION OF RECOMBINANT AAV USING ADENOVIRUS COMPRISING AAV REP/CAP GENES

Title (de)
HERSTELLUNG REKOMBINANTER AAV MITTELS AAV REP/CAP GENE TRAGENDEN ADENOVIREN

Title (fr)
PRODUCTION DE VIRUS ASSOCIES A L'ADENOVIRUS (AAV) RECOMBINANTS METTANT EN OEUVRE UN ADENOVIRUS COMPRENANT DES GENES REP/CAP ASSOCIES A L'ADENOVIRUS

Publication
EP 1222299 A1 20020717 (EN)

Application
EP 00968512 A 20000929

Priority
• US 0026948 W 20000929
• US 15746699 P 19991001

Abstract (en)
[origin: WO0125462A1] This invention relates to novel adenoviruses useful in the production of high titers of recombinant adeno-associated virus (rAAV) comprising a foreign DNA insert and methods of making these adenoviruses. The adenovirus comprises the AAV *rep* gene in which the p5 promoter of *rep* is replaced by a minimal promoter or by no promoter. The invention also provides methods of producing high levels of rAAV as a substantially homogeneous preparation and compositions of rAAV.

IPC 1-7
C12N 15/86; A61K 48/00; A61K 39/12

IPC 8 full level
C12N 15/09 (2006.01); A61K 35/76 (2006.01); A61K 48/00 (2006.01); C12N 7/00 (2006.01); C12N 15/861 (2006.01); C12N 15/864 (2006.01); A61K 39/00 (2006.01); C12R 1/91 (2006.01)

CPC (source: EP)
C12N 15/86 (2013.01); A61K 48/00 (2013.01); A61K 2039/5256 (2013.01); C12N 2710/10344 (2013.01); C12N 2750/14143 (2013.01); C12N 2830/002 (2013.01); C12N 2830/42 (2013.01); C12N 2830/75 (2013.01); C12N 2840/20 (2013.01); C12N 2840/203 (2013.01)

Citation (search report)
See references of WO 0125462A1

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

DOCDB simple family (publication)
WO 0125462 A1 20010412; WO 0125462 A9 20021121; AU 7841400 A 20010510; CA 2385823 A1 20010412; EP 1222299 A1 20020717; JP 2003511037 A 20030325

DOCDB simple family (application)
US 0026948 W 20000929; AU 7841400 A 20000929; CA 2385823 A 20000929; EP 00968512 A 20000929; JP 2001528613 A 20000929