

Title (en)  
MATERIALS AND METHODS FOR SIMPLIFIED AAV PRODUCTION

Title (de)  
MATERIAL UND METHODEN FÜR VEREINFACHTE AAV-PRODUKTION

Title (fr)  
MATERIAUX ET PROCEDES POUR LA PRODUCTION SIMPLIFIEE D'AAV

Publication  
**EP 1220938 A1 20020710 (EN)**

Application  
**EP 99974094 A 19990930**

Priority  
US 9922789 W 19990930

Abstract (en)  
[origin: WO0125464A1] The invention provides a method for producing purified replication-defective recombinant AAV virions. The method comprises introducing into a suitable host cell an AAV vector, an AAV helper construct and an adenoplasmid accessory construct into the host cell. The adenoplasmid accessory plasmid is composed adenovirus plasmid DNA unable to be packaged into adenoviral particles because it lacks packaging signal sequence(s) or it contains additional sequences making it too large to package. The host cell is cultured to produce crude rAAV virions and then lysed. The resulting cell lysate is applied to a chromatographic column containing sulfonated cellulose or subjected to cesium chloride equilibrium gradient centrifugation and the purified rAAV virions are recovered.

IPC 1-7  
**C12N 15/864**

IPC 8 full level  
**C12N 15/09** (2006.01); **A61K 35/76** (2006.01); **A61K 38/00** (2006.01); **A61K 38/27** (2006.01); **A61K 48/00** (2006.01); **C12N 7/04** (2006.01); **C12N 15/864** (2006.01)

CPC (source: EP)  
**C12N 15/86** (2013.01); **C12N 2750/14143** (2013.01)

Citation (search report)  
See references of WO 0125464A1

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 0125464 A1 20010412**; AU 1441400 A 20010510; CA 2386722 A1 20010412; EP 1220938 A1 20020710; JP 2003511038 A 20030325

DOCDB simple family (application)  
**US 9922789 W 19990930**; AU 1441400 A 19990930; CA 2386722 A 19990930; EP 99974094 A 19990930; JP 2001528615 A 19990930