

Title (en)  
COMPOSITIONS AND METHODS USEFUL FOR PRODUCTION OF RECOMBINANT VIRUSES WHICH REQUIRE HELPER VIRUSES

Title (de)  
ZUSAMMENSETZUNGEN UND METHODEN FÜR DIE PRODUKTION VON REKOMBINANTEN VIREN, DIE HELFERVIREN BENÖTIGEN

Title (fr)  
COMPOSITIONS ET METHODES POUR LA FABRICATION DE VIRUS RECOMBINES NECESSITANT DES VIRUS AUXILIAIRES

Publication  
**EP 1183380 A1 20020306 (EN)**

Application  
**EP 00902362 A 20000107**

Priority  
• US 0000415 W 20000107  
• US 13710599 P 19990602

Abstract (en)  
[origin: WO0075353A1] A method of producing recombinant viruses which require helper viruses for packaging is provided. The method uses a recombinant helper virus which has been designed to contain at least one rare-cutting restriction site (e.g., for I-SceI), a viral vector which is helper-dependent for packaging, and a recombinant host cell which is capable of expressing a rare-cutting restriction enzyme (e.g., I-SceI). The method involves transfecting or infecting the host cell with the helper virus and viral vector and incubating the cell under conditions which permit encapsidation of the viral vector in an adenovirus capsid. Thereafter, the I-SceI expressed by the host cell digests the helper virus, permitting ready separation of the digested fragments of the helper virus from the packaged recombinant virus.

IPC 1-7  
**C12N 15/86**; **C12N 5/10**; **C12N 9/22**; **C12N 7/01**

IPC 8 full level  
**C12N 15/09** (2006.01); **C12N 5/10** (2006.01); **C12N 7/00** (2006.01); **C12N 7/01** (2006.01); **C12N 15/861** (2006.01)

CPC (source: EP)  
**C12N 7/00** (2013.01); **C12N 15/86** (2013.01); **C12N 2710/10343** (2013.01); **C12N 2710/10351** (2013.01); **C12N 2710/10352** (2013.01); **C12N 2800/80** (2013.01)

Citation (search report)  
See references of WO 0075353A1

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WO2021030125A1; US11951121B2; US10577627B2; WO2020150556A1; WO2021041485A1; WO2019241486A1; WO2022187473A2; WO2020072849A1; US11326182B2; WO2020081490A1; US11759506B2; WO2020023612A1; US11697825B2; US11603542B2; US11752181B2; US11299751B2; US11298041B2; US10335466B2; US11027000B2; WO2022187548A1; US11975056B2; US10570395B2; US11198873B2; WO2024054983A1; US12071625B2; WO2020072844A1; WO2020223274A1; US11931375B2; US10597660B2; US10920227B2; WO2022032153A1; US11542506B2; US10584337B2; US11193129B2; US11434502B2; US11497576B2; US12084659B2; US12116589B2

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 0075353 A1 20001214**; AU 2409200 A 20001228; CA 2375098 A1 20001214; EP 1183380 A1 20020306; JP 2003501067 A 20030114

DOCDB simple family (application)  
**US 0000415 W 20000107**; AU 2409200 A 20000107; CA 2375098 A 20000107; EP 00902362 A 20000107; JP 2001501635 A 20000107