

Title (en)

SAFE RETROVIRAL VECTORS, THEIR PRODUCTION AND USE

Title (de)

SICHERE RETROVIRALE VEKTOREN, IHRE HERSTELLUNG UND VERWENDUNG

Title (fr)

VECTEURS RETROVIRAUX SANS DANGER, LEUR PRODUCTION ET UTILISATION

Publication

**EP 0763123 A4 19980812 (EN)**

Application

**EP 95921391 A 19950607**

Priority

- US 9506594 W 19950607
- US 25577194 A 19940607

Abstract (en)

[origin: WO9533842A1] Safe retroviral vectors and corresponding packaging cell lines are provided for the treatment of disease caused by related retroviruses. The packaged vectors lack the enzymes to convert genomic RNA to DNA and/or to integrate into the host cell genome. Thus, the vectors are only active in cells where these enzymes are present, i.e., in cells already infected with a retrovirus. In this manner, selective targeting of previously infected cells is achieved. After superinfecting such cells, genes carried by the vectors effect killing of the host cell or inhibit replication of retrovirus production therefrom.

IPC 1-7

**C12N 15/86**; **A61K 48/00**

IPC 8 full level

**A61K 38/45** (2006.01); **C12N 15/867** (2006.01); **A61K 48/00** (2006.01)

CPC (source: EP)

**A61K 38/45** (2013.01); **C12N 15/86** (2013.01); **A61K 48/00** (2013.01); **C12N 2740/16043** (2013.01)

Citation (search report)

- [X] WO 9102805 A2 19910307 - VIAGENE INC [US]
- [X] WO 9205266 A2 19920402 - VIAGENE INC [US]
- See references of WO 9533842A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

**WO 9533842 A1 19951214**; AU 2648295 A 19960104; EP 0763123 A1 19970319; EP 0763123 A4 19980812

DOCDB simple family (application)

**US 9506594 W 19950607**; AU 2648295 A 19950607; EP 95921391 A 19950607