

Title (en)

SUICIDE GENE THERAPY SYSTEM FOR THE TREATMENT OF BRAIN TUMOURS

Title (de)

SELBSTMORDGEN-THERAPIESYSTEM ZUR BEHANDLUNG VON GEHIRNTUMOREN

Title (fr)

SYSTEME THERAPEUTIQUE A GENE SUICIDE POUR LE TRAITEMENT DES TUMEURS CEREBRALES

Publication

EP 1062328 A1 20001227 (EN)

Application

EP 99914502 A 19990310

Priority

- EP 99914502 A 19990310
- EP 9901541 W 19990310
- EP 98104756 A 19980317

Abstract (en)

[origin: EP0943680A1] In a suicide gene therapy system, a DNA molecule encoding a glycosidase is applied with a non-toxic cyanogenic glycoside substrate, which upon degradation by the glycosidase yields hydrogen cyanide, for the treatment of brain tumours in animals or humans. The DNA preferably encodes linamarase, the substrate is preferably linamarin. The two interacting components are administered separately. <IMAGE>

IPC 1-7

C12N 9/42; A61K 48/00

IPC 8 full level

C12N 15/09 (2006.01); **A61K 9/127** (2006.01); **A61K 31/70** (2006.01); **A61K 31/7088** (2006.01); **A61K 35/12** (2015.01); **A61K 35/76** (2015.01); **A61K 35/761** (2015.01); **A61K 35/763** (2015.01); **A61K 38/47** (2006.01); **A61K 48/00** (2006.01); **A61P 35/00** (2006.01); **C12N 7/00** (2006.01); **C12N 9/24** (2006.01); **C12N 9/42** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

A61K 38/47 (2013.01); **A61P 35/00** (2018.01); **C12N 9/2445** (2013.01); **C12Y 302/01021** (2013.01); **A61K 48/00** (2013.01); **C12N 2799/021** (2013.01)

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)

EP 0943680 A1 19990922; AR 014733 A1 20010328; AU 3329999 A 19991011; CA 2323897 A1 19990923; CO 5080825 A1 20010925; EP 1062328 A1 20001227; JP 2002506885 A 20020305; WO 9947653 A1 19990923; ZA 992063 B 19990917

DOCDB simple family (application)

EP 98104756 A 19980317; AR P990101152 A 19990317; AU 3329999 A 19990310; CA 2323897 A 19990310; CO 99016563 A 19990317; EP 9901541 W 19990310; EP 99914502 A 19990310; JP 2000536836 A 19990310; ZA 992063 A 19990315