

Title (en)

ABROGATION OF VIRAL RESISTANCE TO NUCLEOSIDE ANALOGUES BY DOUBLE-STRANDED RNAS

Publication

EP 0581906 A4 19970723 (EN)

Application

EP 92917298 A 19920312

Priority

US 68620091 A 19910416

Abstract (en)

[origin: WO9218004A1] The rate of viral resistance developed during the course of treatment with antiviral nucleoside analogues is reduced by administering dsRNAs early in the treatment of the infection or in later stages when viral genetic mutation has occurred to restore susceptibility of the virus to otherwise ineffective antiviral agents. Delaying and/or reducing the appearance of nucleoside analogue resistant retroviruses, particularly HIV, is achieved with mismatched dsRNAs notably in the peripheral blood mononuclear cells, especially the CD4 lymphocytes.

IPC 1-7

A01N 43/04; **A61K 31/70**

IPC 8 full level

A01N 43/04 (2006.01); **A61K 31/70** (2006.01); **A61K 31/7084** (2006.01); **A61K 39/12** (2006.01); **A61P 31/18** (2006.01); **C07H 21/02** (2006.01)

IPC 8 main group level

A61K (2006.01); **C07H** (2006.01); **C12N** (2006.01)

CPC (source: EP)

A61K 31/70 (2013.01); **A61P 31/18** (2017.12)

Citation (search report)

- [X] EP 0286224 A2 19881012 - HEM RES INC [US]
- [X] MONTEFIORI D C ET AL: "IN-VITRO EVALUATION OF MISMATCHED DOUBLE-STRANDED RNA AMPLIGEN FOR COMBINATION THERAPY IN THE TREATMENT OF ACQUIRED IMMUNODEFICIENCY SYNDROME", AIDS RES HUM RETROVIRUSES, 5 (2). 1989. 193-204., XP000647024
- [X] CARTER W.A. ET AL: "Mismatched double-stranded RNA, Ampligen (poly(I):poly(C12U)), demonstrates antiviral and immunostimulatory activities in HIV disease", INT. J. IMMUNOPHARM., 1991, 13/SUPPL. I (69-76), UNITED KINGDOM, XP000670844
- See references of WO 9218004A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DOCDB simple family (publication)

WO 9218004 A1 19921029; AU 1871892 A 19921117; AU 671800 B2 19960912; CA 2102221 A1 19921017; CN 1068035 A 19930120; CN 1082819 C 20020417; EP 0581906 A1 19940209; EP 0581906 A4 19970723; IE 920873 A1 19921021; JP H06507624 A 19940901; MX 9201711 A 19921001; PT 100340 A 19930730; ZA 922755 B 19930428

DOCDB simple family (application)

US 9201972 W 19920312; AU 1871892 A 19920312; CA 2102221 A 19920312; CN 92102227 A 19920406; EP 92917298 A 19920312; IE 920873 A 19920319; JP 51019292 A 19920312; MX 9201711 A 19920413; PT 10034092 A 19920403; ZA 922755 A 19920320