

Title (en)

TREATMENT OF AN INFECTION BY AN RNA VIRUS DUE TO AN RNA DEPENDENT RNA POLYMERASE

Title (de)

BEHANDLUNG EINER INFEKTION DURCH RNA-VIRUS AUFGRUND EINER RNA-BEDINGTEN RNA-POLYMERASE

Title (fr)

TRAITEMENT D'UNE INFECTION PAR UN VIRUS À ARN À UNE ARN POLYMÉRISE ARN DÉPENDANTE

Publication

**EP 2021482 A1 20090211 (FR)**

Application

**EP 07765973 A 20070530**

Priority

- FR 2007000899 W 20070530
- FR 0604806 A 20060530

Abstract (en)

[origin: WO2007138193A1] The present invention concerns a simple RNA strand, which includes, from extremity 3' to extremity 5', (i) a sequence of complementary nucleic acid to the non-coding region 5' (5'UTR) of the genomic RNA (strand (+) ) of the hepatitis C virus (VHC) or another RNA virus replicating thanks to an RNA dependent RNA polymerase, the nucleic acid sequence of which allows the replication of said simple RNA strand molecule by the replication complex of said virus, (ii) the complementary nucleic acid sequence of a corresponding nucleic acid sequence from the site of internal entry of the ribosome (IRES), and (iii) the complementary nucleic acid sequence of a suicide gene or a coding gene for a protein interfering with the replication of the VHC virus or another RNA virus replicating thanks to an RNA dependent RNA polymerase; an ADN molecule allowing the transcription of said simple RNA strand molecule; a vector of nucleic acids including said molecules of nucleic acids; and a pharmaceutical compound including said molecules of nucleic acids or said vector of nucleic acid.

IPC 8 full level

**C12N 15/86** (2006.01); **A61K 48/00** (2006.01)

CPC (source: EP US)

**A61K 48/00** (2013.01 - EP US); **A61P 1/16** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 31/14** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C12N 15/86** (2013.01 - EP US); **C12N 2770/24243** (2013.01 - EP US)

Citation (search report)

See references of WO 2007138193A1

Citation (examination)

"Taxonomie des virus infectant les vertébrés", Retrieved from the Internet <URL:www.microbes-edu.org/etudiant/taxonomie.html> [retrieved on 20150212]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**FR 2901807 A1 20071207**; **FR 2901807 B1 20130823**; CA 2653910 A1 20071206; EP 2021482 A1 20090211; JP 2009538610 A 20091112; JP 5301433 B2 20130925; US 2011015255 A1 20110120; WO 2007138193 A1 20071206; WO 2007138193 A8 20090716

DOCDB simple family (application)

**FR 0604806 A 20060530**; CA 2653910 A 20070530; EP 07765973 A 20070530; FR 2007000899 W 20070530; JP 2009512639 A 20070530; US 30267807 A 20070530