

Title (en)

INHIBITION OF VIRAL GENE EXPRESSION USING SMALL INTERFERING RNA

Title (de)

HEMMUNG VIRALER GENEXPRESSION MITTELS KLEINER INTERFERENZ-RNA

Title (fr)

INHIBITION DE L'EXPRESSION GENIQUE VIRALE A L'AIDE D'UN PETIT ARN INTERFERENT

Publication

**EP 1979480 A2 20081015 (EN)**

Application

**EP 06784525 A 20060601**

Priority

- US 2006021253 W 20060601
- US 2005032768 W 20050912

Abstract (en)

[origin: WO2007032794A2] The invention provides methods, compositions, and kits comprising small interfering RNA (shRNA or siRNA) that are useful for inhibition of viral-mediated gene expression. Small interfering RNAs as described herein can be used in methods of treatment of HCV infection. ShRNA and siRNA constructs targetING the internal ribosome entry site (IRES) sequence of HCV are described.

IPC 8 full level

**A61K 31/713** (2006.01); **A61P 31/14** (2006.01); **C12N 15/11** (2006.01); **C12N 15/113** (2010.01)

CPC (source: EP KR)

**A61K 31/713** (2013.01 - KR); **A61P 31/12** (2017.12 - EP); **A61P 31/14** (2017.12 - EP); **C12N 15/113** (2013.01 - KR); **C12N 15/1131** (2013.01 - EP); **C12N 2310/111** (2013.01 - EP); **C12N 2310/14** (2013.01 - EP); **C12N 2310/53** (2013.01 - EP); **C12N 2770/24211** (2013.01 - EP); **C12N 2770/36111** (2013.01 - EP)

Citation (search report)

See references of WO 2007032794A2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**WO 2007032794 A2 20070322**; **WO 2007032794 A3 20070830**; AU 2006291568 A1 20070322; BR PI0615717 A2 20110524; CA 2622242 A1 20070322; CN 101305095 A 20081112; CN 101305095 B 20120926; CN 102827841 A 20121219; EP 1979480 A2 20081015; JP 2009521207 A 20090604; KR 20090003147 A 20090109; RU 2008114304 A 20091120

DOCDB simple family (application)

**US 2006021253 W 20060601**; AU 2006291568 A 20060601; BR PI0615717 A 20060601; CA 2622242 A 20060601; CN 200680041845 A 20060601; CN 201210277345 A 20060601; EP 06784525 A 20060601; JP 2008529981 A 20060601; KR 20087008905 A 20080414; RU 2008114304 A 20060601