

Title (en)

POLYETHYLENE GLYCOL MODIFIED INTERFERON COMPOSITIONS AND METHODS OF USE THEREOF

Title (de)

ZUSAMMENSETZUNGEN VON POLYETHYLENGLYCOLMODIFIZIERTEM INTERFERON UND VERFAHREN ZU DEREN ANWENDUNG

Title (fr)

PREPARATIONS D'INTERFERON MODIFIE PAR DU POLYETHYLENE GLYCOL ET LEURS METHODES D'UTILISATION

Publication

EP 1597278 A4 20060322 (EN)

Application

EP 04714217 A 20040224

Priority

- US 2004005649 W 20040224
- US 45058703 P 20030226

Abstract (en)

[origin: WO2004076474A2] Interferon alpha (IFN-alpha) linked to a linear polyethylene glycol (PEG) molecule having a nominal molecular weight of about 30 kD, and compositions comprising the same, are provided. The invention further provides methods of treating a viral infection with the subject PEG-modified IFN-alpha.

IPC 1-7

C07K 14/56; **C07K 1/107**; **C07K 1/113**; **A61K 47/48**

IPC 8 full level

A61K 47/48 (2006.01); **C07K 1/107** (2006.01); **C07K 1/113** (2006.01); **C07K 14/56** (2006.01); **A61K 38/00** (2006.01)

IPC 8 main group level

C07K (2006.01)

CPC (source: EP)

A61K 47/60 (2017.07); **A61P 31/14** (2017.12); **C07K 14/56** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

- [DA] US 4695623 A 19870922 - STABINSKY YITZHAK [US]
- [E] WO 2004046365 A2 20040603 - MAXYGEN INC [US], et al
- [X] PERRY ET AL.: "Peginterferon-alpha-2a (40kD)", DRUGS, vol. 61, no. 15, 2001, pages 2263 - 2288, XP009060352
- [A] MILTON HARRIS J ET AL: "PEGYLATION A NOVEL PROCESS FOR MODIFYING PHARMACOKINETICS", CLINICAL PHARMACOKINETICS, LEA & FEBIGER, PHILADELPHIA, PA, US, vol. 40, no. 7, 2001, pages 539 - 551, XP001106431
- See references of WO 2004076474A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004076474 A2 20040910; **WO 2004076474 A3 20050106**; CA 2516552 A1 20040910; CN 1997666 A 20070711; EP 1597278 A2 20051123; EP 1597278 A4 20060322; JP 2006519235 A 20060824

DOCDB simple family (application)

US 2004005649 W 20040224; CA 2516552 A 20040224; CN 200480008785 A 20040224; EP 04714217 A 20040224; JP 2006503875 A 20040224