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27 February 2014

(54) Title: A HUMAN MONOCLONAL ANTIBODY AGAINST THE VP1 PROTEIN OF JC VIRUS

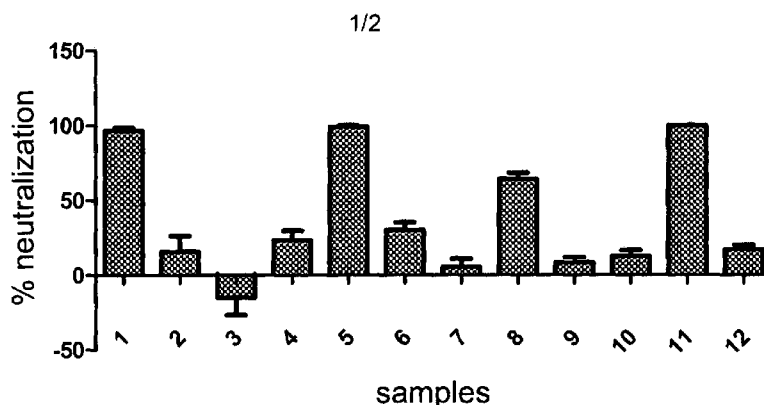


FIG.1

(57) Abstract: The invention relates to a human neutralizing monoclonal antibody directed against the VP1 protein of JC virus, that is the virus responsible for progressive multifocal leukoencephalopathy (PML), as well as the use thereof in a therapeutic or prophylactic treatment of a JCV infection or of a disease associated with a JCV infection, such as progressive multifocal leukoencephalopathy (PML), and the use thereof in the diagnosis of JCV infections or of diseases associated with JCV infections.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. C07K16/08 A61K39/42 A61P31/20
ADD.
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
C07K A61K
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, BIOSIS, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	YOUSSEF LYLA ET AL: "Anti-JCV Neutralizing Antibodies as a Potential Therapy for the Treatment of PML", JOURNAL OF NEUROVIROLOGY, vol. 18, no. Suppl. 1, May 2012 (2012-05), page 125, XP008160414, & 11TH INTERNATIONAL SYMPOSIUM ON NEUROVIROLOGY/CONFERENCE ON HIV IN THE NERVOUS SYSTEM; NEW YORK, NY, USA; MAY 29 -JUNE 02, 2012 the whole document ----- -/--	1-17

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
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"&" document member of the same patent family

Date of the actual completion of the international search 9 December 2013	Date of mailing of the international search report 16/12/2013
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Covone-van Hees, M
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INTERNATIONAL SEARCH REPORT

International application No
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A	ATWOOD WALTER J: "A combination of low-dose chlorpromazine and neutralizing antibodies inhibits the spread of JC virus (JCV) in a tissue culture model: Implications for prophylactic and therapeutic treatment of progressive multifocal leukoencephalopathy", JOURNAL OF NEUROVIROLOGY, vol. 7, no. 4, August 2001 (2001-08), pages 307-310, XP002692862, ISSN: 1355-0284 the whole document -----	1-17
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International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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E	WO 2013/142300 A2 (BIOGEN IDEC INC [US]) 26 September 2013 (2013-09-26) page 21, line 4 - line 5 page 23, line 13 - line 16 page 29, line 18 - page 31, line 3 -----	1,6-17

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International application No

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