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(71) Applicant: SIEMENS MEDICAL SOLUTIONS DIAGNOSTICS [US/US]; 511 Benedict Avenue, Tarrytown, NY 10591 (US).

(72) Inventor: PUGIA, Michael, J.; 14342 Taddington Drive, Granger, IN 46530 (US).

(74) Agents: KLAWITTER, Andrew, L. et al.; Siemens Corporation, Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).

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(54) Title: DETECTION OF SOLUBLE ADIPONECTIN RECEPTOR PEPTIDES AND USE IN DIAGNOSTICS AND THERAPEUTICS

(57) Abstract: The present invention relates to soluble C-terminal fragments of the adiponectin receptor and their use in the diagnosis and management of disorders.

## INTERNATIONAL SEARCH REPORT

International application No.

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61K 39/395, 49/00 (2007.01)

USPC - 424/143.1

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)  
USPC- 424/143.1Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
USPC- 424/9.2, 69.1, 320.1, 325, 435/7.1, 334; 514/12; 530/350; 536/23.5 (text search)Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
PubWEST (USPT, PGPB, EPAB, JPAB) and Google Patent/Scholar  
Search terms: adiponectin, adiponectin receptor, soluble receptor, obesity, receptor fragment, bikunin

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0032166 A1 (CHEN et al.) 10 February 2005 (10.02.2005) para [0003]-[0004], [0062], [0597], [0609]-[0610], [0660], [0673], [0828], [0830] and [0840]	1-37
Y	US6,858,402 B2 (GATANAGA et al.) 22 February 2005 (22.02.2005) col 3, ln 12-35; col 4, ln 31-34	1-37
Y	WO 2004/022596 A1 (YOUN et al.) 18 March 2004 (18.03.2004) abstract	12, 16, 20
Y	US 6,583,108 B1 (TAMBURINI et al.) 24 June 2003 (24.06.2003) col 17, ln 61-67	21
Y	US 2005/0245433 A1 (CHAN et al.) 03 November 2005 (03.11.2005) abstract; para [0028] [0033] and [0038]	22-24

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Mail Stop PCT, Attn: ISA/US, Commissioner for Patents  
P.O. Box 1450, Alexandria, Virginia 22313-1450  
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Authorized officer:

Lee W. Young

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