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ning of each regular issue of the PCT Gazette.

(54) Title: USE OF LEPTIN IN INHIBITION OF ENDOTHELIAL CELL PROLIFERATION

(57) Abstract: Disclosed is the use of leptin, optionally together with VEGF inhibitors, in inhibition of endothelial cell proliferation and modulation of angiogenesis.

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INTERNATIONAL SEARCH REPORT

Int. l. Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K38/22 A61K48/00 A61P3/00 A61P9/00 A61P15/00
A61P35/00 A61P43/00 //(A61K38/22,31:52),(A61K38/22,38:17),
(A61K38/22,31:185),(A61K38/22,31:195),(A61K38/22,38:19),

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)

IPC 7 A61K C07K

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 practical, search terms used)

BIOSIS, EPO-Internal, WPI Data, PAJ, MEDLINE, CANCERLIT, EMBASE, CHEM ABS Data, SCISEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 27286 A (PROGENITOR INC) 31 July 1997 (1997-07-31) page 29, line 14 - line 30 page 31, line 1 -page 34, line 8 page 52, line 11 -page 54, line 2 claims 26-31 ---	1-10
A	SIERRA-HONIGMANN M ROCIO ET AL: "Biological action of leptin as an angiogenic factor." SCIENCE (WASHINGTON D C), vol. 281, no. 5383, 11 September 1998 (1998-09-11), pages 1683-1686, XP002161601 ISSN: 0036-8075 the whole document --- -/--	1-10

☒ Further documents are listed in the continuation of box C.

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Date of the actual completion of the international search

28 February 2001

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International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 (A61K38/22,38:48)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LAFONTAN MAX ET AL: "Leptin and angiogenesis." M-S (MEDECINE SCIENCES), vol. 15, no. 3, March 1999 (1999-03), pages 382-386, XP000982571 ISSN: 0767-0974 the whole document ---	1-10
A	WO 98 48831 A (RUBINSTEIN MENACHEM ;COHEN BATYA (IL); BARKAN DALIT (IL); YEDA RES) 5 November 1998 (1998-11-05) page 2, line 20 -page 9, line 3 claims 1-27; examples 5-9 --- -/--	1-10

☒ Further documents are listed in the continuation of box C.

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& document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Int :ional Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 99 59614 A (UNIV YALE ;SIERRA HONIGMANN ROCIO M (US)) 25 November 1999 (1999-11-25) the whole document, especially examples 2,3,5-13 and claims 1-9 -----	1-10

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-4,6-10 partially

Present claims 1-4 and 6-10 relate to compounds defined by reference to a desirable characteristic or property, namely the inhibition of VEGF action or synthesis or the inhibition of angiogenesis. However these claims lack any structural and essential characteristics of the compounds.

The claims cover all compounds having this characteristic or property, whereas the application provides support within the meaning of Article 6 PCT and disclosure within the meaning of Article 5 PCT for only a very limited number of such compounds. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 6 PCT). An attempt is made to define the compounds by reference to a result to be achieved. Again, this lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible. Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely those parts relating to the compounds mentioned on page 18 lines 3-9, page 18 lines 20-22 and claim 5 of the application.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/IL 00/00525

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9727286 A	31-07-1997	AU 1831197 A CA 2244693 A EP 0892849 A	20-08-1997 31-07-1997 27-01-1999
WO 9848831 A	05-11-1998	AU 7076298 A BG 103832 A CN 1261802 T EP 0981365 A HU 0002427 A NO 995267 A PL 336582 A SK 147199 A ZA 9803608 A	24-11-1998 31-10-2000 02-08-2000 01-03-2000 28-12-2000 28-12-1999 03-07-2000 12-06-2000 02-11-1998
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