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(71) Applicant and

(72) Inventor: **GHISALBERTI, Carlo** [BR/BR]; Rua Luis
Dias 85/61, Itaim-Bibi, CEP-0542-080 São Paulo, SP (BR).

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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
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(54) Title: COMPOSITIONS FOR THE TREATMENT OF EDEMATOUS-FIBROSCLEROTIC PANNICULOPATHY

(57) Abstract: The invention relates to the use of angiogenic agents for the manufacture compositions for the treatment of cellulite, better defined by the term "edematousfibrosclerotic panniculopathy" to elicit the endothelial repair and/or the neovascularization of the cellulite-affected area and tissues. The invention also claims a method for treating cellulite which comprises the administration of an angiogenic agent, preferably selected from angiogenic phospholipids, hyaluronan oligosaccharides, peptide growth factors and combination thereof and, optionally, secondary angiogenic agents.



WO 2003/103614 A3

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB 03/02216

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/48 A61K38/18 A61K31/702 A61K31/683 A61K31/661
A61K31/6615

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

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)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 03/068210 A (CESTARO BENVENUTO ; HUNZA DI PISTOLESI ELVIRA & C (IT); PISTOLESI ELVI) 21 August 2003 (2003-08-21) claims 1-6; examples 1-7 -----	1-6, 20-22, 25-29
E	WO 03/103625 A (GHISALBERTI CARLO) 18 December 2003 (2003-12-18) the whole document -----	28
X,P	WO 03/011873 A (SAMPALIS FOTINI ; NEPTUNE TECHNOLOGIES & BIORESS (CA)) 13 February 2003 (2003-02-13) claims 1,45,47,51,52,54 ----- -/--	1-6, 20-22, 25-29

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

☒ Patent family members are listed in 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 document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

23 January 2004

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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, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fischer, J.P.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02216

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/17498 A (GHISALBERTI CARLO) 15 March 2001 (2001-03-15) page 2, line 20 - page 2, line 23; claims 1-4,6-10 page 3, line 4 - page 4, line 25 -----	1-6, 20-22, 25-29
X	WO 00/45774 A (LEIGH MATTHEW LOUIS STEVE ; LEIGH STEVEN (GB); THOMPSON CAROLINE MARY) 10 August 2000 (2000-08-10) the whole document -----	1-6, 20-22, 25-29
X,P	WO 02/098436 A (DI PIERRO FRANCESCO ; INDENA SPA (IT)) 12 December 2002 (2002-12-12) the whole document -----	1,2,20, 21,25-29
X,P	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 02, 5 February 2003 (2003-02-05) & JP 2002 293711 A (GENERAL TOPICS SRL), 9 October 2002 (2002-10-09) abstract -----	1,2,20, 21,25-29
L	& DATABASE WPI Derwent Publications Ltd., London, GB; AN 2003-270789 abstract -----	
X	WO 98/00101 A (PINOTTI ANISIO ; COSMETICOS NATURAL IND COM (BR); GUERRA FILHO SAMUEL) 8 January 1998 (1998-01-08) the whole document -----	1,2,20, 21,25, 28,29
X	WO 87/01939 A (UNIV BOSTON ; ANGIO MEDICAL CORP (US)) 9 April 1987 (1987-04-09) the whole document -----	28
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X	EP 0 659 755 A (ROUSSEL UCLAF) 28 June 1995 (1995-06-28) the whole document -----	28
X	WO 99/26632 A (STATENS SERUMINSTITUT ; KROGFELT KAREN A (DK); COHEN PAUL S (US); LAUX) 3 June 1999 (1999-06-03) the whole document -----	28
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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02216

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/12141 A (KAMIMURA AYAKO ; MATSUOKA TAKAKO (JP); KYOWA HAKKO KOGYO KK (JP); TAKA) 22 February 2001 (2001-02-22) the whole document & EP 1 214 928 A 19 June 2002 (2002-06-19) -----	28
X	WO 01/26617 A (GOLZ BERNER KARIN ; ZASTROW LEONHARD (MC); COTY BV (NL)) 19 April 2001 (2001-04-19) the whole document -----	28
X	FR 2 785 805 A (LAVIPHARM LAB) 19 May 2000 (2000-05-19) the whole document -----	28
X	WO 97/09989 A (LXR BIOTECHNOLOGY INC ; TOMEL LOUIS DAVID (US); BATHURST IAN C (US); F) 20 March 1997 (1997-03-20) claims 1,45-48 -----	28

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB 03/02216

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 20-27 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☒ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see annex

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claims 20-27 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box I.2

Present claims 1-29 relate to an extremely large number of possible compounds and products. The definitions "angiogenic agents", "angiogenic phospholipids" "functionally equivalent" and "secondary angiogenic agents" do not represent a definition in structural terms and refer to an extremely large number of possible compounds.

Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds and products claimed. 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.

Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds defined in the claims and in the examples.

The applicant's attention is drawn to the fact that 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. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6, 20-21,26-29 (partially)

use of angiogenic phospholipids and compositions containing angiogenic phospholipids for the treatment and/or prevention of edematous-fibrosclerotic panniculopathy

2. claims: 1-2,7-9,20-21,23,25-29

use of hyaluronan oligosaccharides and compositions containing hyaluronan oligosaccharides for the treatment and/or prevention of edematous-fibrosclerotic panniculopathy

3. claims: 1-2,10-16,20-21,24-29

use of peptide growth factors and/or their functionally equivalent and compositions containing them for the treatment and/or prevention of edematous-fibrosclerotic panniculopathy

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02216

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