



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
P,A	EP 1 426 764 A (REBIO GEN INC [JP]) 9 June 2004 (2004-06-09) * paragraph [0011] * * claim 1 *	1,3,6-8	INV. G01N33/53 G01N33/76
A	& WO 03/016906 A (REBIO GEN INC [JP]; UNIV KEIO [JP]; TOMITA MOTOWO [JP]; NAKANO YASUKO) 27 February 2003 (2003-02-27) -----	1,3,6-8	
A	WO 03/062275 A (PROTEMIX CORP LTD [NZ]; COOPER GARTH JAMES SMITH [NZ]; XU AIMIN IN TRU) 31 July 2003 (2003-07-31) * claims 134,138,197,201 *	1,3,6-8	
A	WO 2004/022596 A (KOMED CO LTD [KR]; YOUNG BYUNG-SOO [KR]; YANG YOUNG-SOO [KR]; LEE NAM-S) 18 March 2004 (2004-03-18) * page 2, paragraph 4 - page 3, paragraphs 1,4,5 * * claim 13 *	1,6-8	
A	KELLER P ET AL: "Circulating adiponectin levels during human endotoxaemia." CLINICAL AND EXPERIMENTAL IMMUNOLOGY, vol. 134, no. 1, October 2003 (2003-10), pages 107-110, XP008089950 ISSN: 0009-9104 * page 107, column 1, paragraph 2 * * page 108, column 1, paragraph 1 - paragraph 3 * * page 108, column 1, paragraph 4 - page 109, column 2, paragraph 5 * ----- -/--	1,5,6	TECHNICAL FIELDS SEARCHED (IPC) G01N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>The Hague</b>		Date of completion of the search <b>9 April 2008</b>	Examiner <b>Gundlach, Björn</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.82 (P04C04)



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	<p>GIUGLIANO G ET AL: "Effect of liposuction on insulin resistance and vascular inflammatory markers in obese women." BRITISH JOURNAL OF PLASTIC SURGERY APR 2004, [Online] vol. 57, no. 3, 18 February 2004 (2004-02-18), pages 1-7, XP002475617 ISSN: 0007-1226 Retrieved from the Internet: URL: <a href="http://www.sciencedirect.com/science?ob=ArticleURL&amp;_udi=B6WC6-4BRB6N1-3&amp;_user=987766&amp;_coverDate=04%2F30%2F2004&amp;_aId=720326058&amp;_rdoc=1&amp;_fmt=full&amp;_orig=search&amp;_cdi=6730&amp;_sort=d&amp;_st=0&amp;_docanchor=&amp;_ct=1&amp;_acct=C000049880&amp;_version=1&amp;_urlVersion=0&amp;_userid=987766&amp;md5=d60275cf28b36917fc762553cc218ca8">http://www.sciencedirect.com/science?ob=ArticleURL&amp;_udi=B6WC6-4BRB6N1-3&amp;_user=987766&amp;_coverDate=04%2F30%2F2004&amp;_aId=720326058&amp;_rdoc=1&amp;_fmt=full&amp;_orig=search&amp;_cdi=6730&amp;_sort=d&amp;_st=0&amp;_docanchor=&amp;_ct=1&amp;_acct=C000049880&amp;_version=1&amp;_urlVersion=0&amp;_userid=987766&amp;md5=d60275cf28b36917fc762553cc218ca8</a> [retrieved on 2008-04-01] * the whole document *</p>	1,3	
A	<p>TANOWITZ H B ET AL: "Role of the adipocyte in Trypanosoma cruzi infection." AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE, vol. 69, no. 3 Supplement, September 2003 (2003-09), page 289, XP008089929 &amp; 52ND ANNUAL MEETING OF THE AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE; PHILADELPHIA, PA, USA; DECEMBER 03-07, 2003 ISSN: 0002-9637 * abstract *</p>	1	TECHNICAL FIELDS SEARCHED (IPC)
<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>			
Place of search		Date of completion of the search	Examiner
The Hague		9 April 2008	Gundlach, Björn
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone            Y : particularly relevant if combined with another document of the same category            A : technological background            O : non-written disclosure            P : intermediate document</p> <p>T : theory or principle underlying the invention            E : earlier patent document, but published on, or after the filing date            D : document cited in the application            L : document cited for other reasons            &amp; : member of the same patent family, corresponding document</p>			

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
T	<p>TSUCHIHASHI ET AL: "Circulating Concentrations of Adiponectin, an Endogenous Lipopolysaccharide Neutralizing Protein, Decrease in Rats with Polymicrobial Sepsis" JOURNAL OF SURGICAL RESEARCH, ACADEMIC PRESS INC., SAN DIEGO, CA, US, vol. 134, no. 2, August 2006 (2006-08), pages 348-353, XP005569436 ISSN: 0022-4804 * the whole document *</p> <p style="text-align: center;">-----</p>	1-16	
			TECHNICAL FIELDS SEARCHED (IPC)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>The Hague</b>		Date of completion of the search <b>9 April 2008</b>	Examiner <b>Gundlach, Björn</b>
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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### CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

### LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 2,4,5,8 (in full), 1,3,6,7 (in part)

Adiponectin as marker for postoperative infection in humans

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2. claims: 9 (in full), 1,3,6,7 (in part)

Adiponectin as marker for insulin resistance

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3. claims: 10 (in full), 1,6,7,13-16 (in part)

Adiponectin as marker for sepsis

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4. claims: 11 (in full), 1,6,7,13-16 (in part)

Adiponectin as marker for hypercytokinemia

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5. claims: 12 (in full), 1,6,7,13-16 (in part)

Adiponectin as marker for multiple organ failure

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6. claims: 17-24

The use of adiponectin as endotoxin-neutralising agent

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 72 7482

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-04-2008

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1426764 A	09-06-2004	CA 2459489 A1	27-02-2003
		WO 03016906 A1	27-02-2003
		JP 3624216 B2	02-03-2005
		US 2005266506 A1	01-12-2005
		US 2005048565 A1	03-03-2005
-----			
WO 03016906 A	27-02-2003	CA 2459489 A1	27-02-2003
		EP 1426764 A1	09-06-2004
		JP 3624216 B2	02-03-2005
		US 2005266506 A1	01-12-2005
		US 2005048565 A1	03-03-2005
-----			
WO 03062275 A	31-07-2003	CA 2473781 A1	31-07-2003
		EP 1474445 A1	10-11-2004
		JP 2005535561 T	24-11-2005
-----			
WO 2004022596 A	18-03-2004	AU 2003244237 A1	29-03-2004
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专利名称(译)	侵入性控制方法和脂联素的使用		
公开(公告)号	<a href="#">EP1744160A4</a>	公开(公告)日	2008-05-21
申请号	EP2005727482	申请日	2005-03-31
[标]申请(专利权)人(译)	前田和久 山本浩		
申请(专利权)人(译)	前田和久 YAMAMOTO, HIROSHI		
当前申请(专利权)人(译)	前田和久 YAMAMOTO, HIROSHI		
[标]发明人	MAEDA KAZUHISA YAMAMOTO HIROSHI		
发明人	MAEDA, KAZUHISA YAMAMOTO, HIROSHI		
IPC分类号	G01N33/53 A61K38/095 G01N33/68 G01N33/76		
CPC分类号	A61K38/2264 A61P31/00 A61P31/04 A61P43/00 G01N33/74		
优先权	2004134823 2004-03-31 JP 2004134824 2004-03-31 JP		
其他公开文献	EP1744160B1 EP1744160A2		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

可以通过使用血液中的脂联素作为应激标记并测量其水平来控制应激下的身体状况。此外，通过使用脂联素可以抑制内毒素活性。

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A	KELLER P ET AL: "Circulating adiponectin levels during human endotoxaemia," CLINICAL AND EXPERIMENTAL IMMUNOLOGY, vol. 134, no. 1, OCTOBER 2003 (2003-10), pages 107-110, XP008089950 ISSN: 0959-9104 * page 107, column 1, paragraph 2 * * page 108, column 1, paragraph 1 - paragraph 3 * * page 108, column 1, paragraph 4 - page 109, column 2, paragraph 5 * ----- -/-	1, 5, 6	
The supplementary search report has been based on the last set of claims valid and available at the start of the search			
The Hague		Date of completion of the search 9 April 2008	Searcher Gundlach, Björn
<b>CATEGORY OF CITED DOCUMENTS</b> > particularly relevant if taken alone * particularly relevant if combined with another document of the same category A: technological background C: non-written disclosure P: intermediate document I: theory or principle underlying the invention E: former patent document, not published or, or after the filing date D: document cited in the application C: document cited for other reasons & : member of the same patent family, corresponding document			