



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 02 74 9828 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	<p>STANTON B ET AL: "Interaction of estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with hepatic fatty acid synthesis and metabolism of male chickens (Gallus domesticus)."</p> <p>COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. TOXICOLOGY & PHARMACOLOGY : CBP. JUN 2001, vol. 129, no. 2, June 2001 (2001-06), pages 137-150, XP002332804 ISSN: 1532-0456</p> <p>* the whole document * * page 139, column 2, paragraph 3 * * page 140, column 1 * * table 1 *</p> <p style="text-align: center;">----- -/--</p>	1-38	<p>G06G7/48 G01N33/68 G01N33/92</p>
			<p>TECHNICAL FIELDS SEARCHED (Int.Cl.7)</p> <p>G01N</p>
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
<p>The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims:</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search: see sheet C</p>			
Place of search		Date of completion of the search	Examiner
The Hague		21 June 2005	Jenkins, G
<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 & : member of the same patent family, corresponding document</p>			

1
EPO FORM 1503 03.02 (P04C20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<p>WATKINS S M ET AL: "Unique phospholipid metabolism in mouse heart in response to dietary docosahexaenoic or alpha-linolenic acids" LIPIDS, vol. 36, no. 3, March 2001 (2001-03), pages 247-254, XP008048857 ISSN: 0024-4201 * the whole document * * page 248, column 2, line 6, paragraph 1 *</p>	1-38	
X	<p>----- BERNHARDT T G ET AL: "Purification of fatty acid ethyl esters by solid-phase extraction and high-performance liquid chromatography" JOURNAL OF CHROMATOGRAPHY B : BIOMEDICAL APPLICATIONS, ELSEVIER SCIENCE PUBLISHERS, NL, vol. 675, no. 2, 26 January 1996 (1996-01-26), pages 189-196, XP004043412 ISSN: 0378-4347 * the whole document * * page 190, column 2, paragraph 2 *</p>	1-38	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
X	<p>----- US 5 952 235 A (BEARER ET AL) 14 September 1999 (1999-09-14) * the whole document * * column 7, line 1 - line 15 *</p> <p>----- -/--</p>	1-38	



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<p>FIEHN O ET AL: "COMIBNING GENOMICS, METABOLOME ANALYSIS, AND BIOCHEMICAL MODELLING TO UNDERSTAND METABOLIC NETWORKS" COMPARATIVE AND FUNCTIONAL GENOMICS, vol. 2, no. 3, June 2001 (2001-06), pages 155-168, XP008014995 ISSN: 1531-6912 * the whole document *</p> <p style="text-align: center;">-----</p>	1-38	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)



The subject-matter of claims 15,18,29 involves subjecting a subject to a condition, which includes medical treatment. The scope of said claims thus covers a method of treatment by therapy practised on the human or animal body, contrary to Article 52(4) EPC. The said claims also relate to obtaining a sample from a subject. The scope of said claims thus also covers a method of treatment by surgery and diagnostic methods practised on the human or animal body, contrary to Article 52(4) EPC. However, the search was not limited.

Claim(s) searched incompletely:
5,6,15,17,18,24,26,28,29,30,34

Reason for the limitation of the search:

The subject-matter of claims 5,6,15,17,18,24,26,28,29,30,34 is rendered vague and unclear as it tries to define quantitative metabolite profiles in terms of a result to be achieved, i.e. that they are generated by one of the methods of a preceding claim (Guidelines C-III-4.7). Furthermore, only a few quantitative metabolic profiles are disclosed in the description, whereas the claims cover all quantitative metabolite profiles that could be generated by methods of the alleged invention. Thus, the subject-matter of said claims is unsupported in the sense of Article 84 EPC and not disclosed in the application in the sense of Article 83 EPC over the whole of the claimed scope. Similar objections apply to claims 22 and 35, which relate to databases obtained by the methods of claims 4 and 34, respectively. For the search, it was assumed that the said claims have been reformulated so as to include the initial step of generating quantitative metabolite profiles or databases according to a previously claimed method (i.e. that they are all method claims that are strictly dependent on the method of a preceding claim, e.g. see claim 27).

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

EP 02 74 9828

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.

21-06-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5952235 A	14-09-1999	AU 6970098 A	11-11-1998
		CA 2286576 A1	22-10-1998
		EP 0975959 A1	02-02-2000
		WO 9846989 A1	22-10-1998

专利名称(译)	生成, 查看, 解释和利用代谢物的定量数据库		
公开(公告)号	EP1417629A4	公开(公告)日	2005-08-17
申请号	EP2002749828	申请日	2002-07-05
[标]申请(专利权)人(译)	LIPOMICS TECH		
申请(专利权)人(译)	LIPOMICS TECHNOLOGIES, INC.		
当前申请(专利权)人(译)	LIPOMICS TECHNOLOGIES, INC.		
[标]发明人	WATKINS STEVEN M		
发明人	WATKINS, STEVEN, M.		
IPC分类号	A61B5/00 G01N33/68 G01N33/92 G06F19/28 G06G7/48		
CPC分类号	G16B40/00 G16B45/00 G16B50/00 G16H10/40 G16H10/60 Y02A90/22 Y02A90/26		
优先权	60/303704 2001-07-06 US		
其他公开文献	EP1417629A2 EP1417629B1		
外部链接	Espacenet		

摘要(译)

本公开内容提供了使用色谱技术建立代谢物, 特别是脂质代谢物的定量数据库的方法;将该信息组合成用于解释的视觉形式的方法, 以及该信息的方法, 以识别和理解代谢组范围的效应, 例如受药物, 基因, 毒素, 饮食或环境影响的那些效应。还提供了代谢物数据库, 例如脂质代谢物数据库, 其存储在计算机可读介质上, 其包括多种代谢物的定量测量。

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	STANTON B ET AL: "Interaction of estrogen and 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) with hepatic fatty acid synthesis and metabolism of male chickens (Gallus domesticus). COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. TOXICOLOGY & PHARMACOLOGY : CBP. JUN 2001, vol. 129, no. 2, June 2001 (2001-06), pages 137-150, XP002332804 ISSN: 1532-0456 * the whole document * * page 139, column 2, paragraph 3 * * page 140, column 1 * * table 1 *	1-3B	G06G7/48 G01N33/68 G01N33/92
The supplementary search report has been based on the last set of claims valid and available at the date of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, do not comply with the EPC to such an extent that a meaningful reason into the state of the art cannot be searched out, or can only be carried out partially, for the following reasons: Claims searched incompletely.			
Claims not searched:			
Reason for the limitation of the search: see sheet C			
1	The Hague	Date of completion of the search 21 June 2005	Inventor Jenkins, 6
CATEGORY OF CITED DOCUMENTS		I: Thesis or principle underlying the invention E: earlier patent documents, for published on, or after the filing date D: document cited in the application ...: document cited for other reasons & / or priority of the same patent family, corresponding document	
X: substantially relevant if alone alone Y: substantially relevant if combined with another document of the same category A: technological background B: non-essential documents P: intermediate document			