



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 03 75 7495 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 (IPC)
A,P	<p>WONG B W C ET AL: "CHARACTERIZATION OF FRACTALKINE (CX3CL1) AND CX3CR1 IN HUMAN CORONARY ARTERIES WITH NATIVE ATHEROSCLEROSIS, DIABETES, MELLITUS, AND TRANSPLANT VASCULAR DISEASE" CARDIOVASCULAR PATHOLOGY, ELSEVIER SCIENCE, NEW YORK, NY, US, vol. 11, no. 6, November 2002 (2002-11), pages 332-338, XP009055403 ISSN: 1054-8807 * abstract *</p> <p style="text-align: center;">-----</p>	1-32	INV. G01N33/74 G01N33/68
A	<p>WO 01/46698 A (CHEMOCENTRYX, INC; SCHALL, THOMAS, J; TALBOT, DALE; MIAO, ZHENHUA; WEI) 28 June 2001 (2001-06-28) * page 8, line 20 - page 9, line 10 * * page 44, line 3 - line 20 *</p> <p style="text-align: center;">-----</p>	30	
			TECHNICAL FIELDS SEARCHED (IPC)
			G01N C07K C12N
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
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: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search		Date of completion of the search	Examiner
The Hague		18 April 2006	Van Bohemen, C
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	



Although claims 28 and 29 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.



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 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: 1-29, 31 & 32

Method to identify an agent for treating a Type 2 diabetic or prediabetic patient by contacting said agent with a CX3CR1 polypeptide or ligand binding fragment thereof, use of said agents to increase CX3CR1 activity or expression and method to diagnose Type 2 diabetes or predisposition therefor by detecting CX3CR1 levels or levels of the fractalkine chemokine for the CX3CR1 receptor.

2. claim: 30

Method of introducing an expression cassette into a cell by using a promotor operably linked to a polypeptide with SEQ ID NO:13.

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

EP 03 75 7495

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.

18-04-2006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0146698 A	28-06-2001	AU 2440001 A	03-07-2001
		CA 2390690 A1	28-06-2001
		EP 1247103 A2	09-10-2002
		JP 2003518138 T	03-06-2003
		US 6699677 B1	02-03-2004

专利名称(译)	用CX3CR1调节剂治疗和诊断糖尿病的方法		
公开(公告)号	EP1511850A4	公开(公告)日	2006-06-07
申请号	EP2003757495	申请日	2003-06-10
[标]申请(专利权)人(译)	麦它波莱克斯股份有限公司		
申请(专利权)人(译)	METABOLEX INC.		
当前申请(专利权)人(译)	METABOLEX INC.		
[标]发明人	MOODIE SHONNA GUSTAFSON THOMAS A		
发明人	MOODIE, SHONNA GUSTAFSON, THOMAS, A.		
IPC分类号	G01N33/50 G01N33/74 C07K14/52 C07K14/715 C12N15/09 C12Q1/02 C12Q1/48 C12Q1/68 G01N33/15 G01N33/53 G01N33/68 C12Q1/00 G01N33/567		
CPC分类号	G01N33/74 A61K38/00 C07K14/521 C07K14/7158		
优先权	60/387699 2002-06-10 US		
其他公开文献	EP1511850A1		
外部链接	Espacenet		

摘要(译)

本发明提供了用于诊断和治疗糖尿病和胰岛素抗性的组合物和方法。特别地，本发明提供了鉴定CX3CR1调节剂和使用那些调节剂治疗糖尿病的方法，以及通过测量患者中CX3CR1或fractalkine的水平来诊断糖尿病的方法。

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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	WONG B W C ET AL: "CHARACTERIZATION OF FRACTALKINE (CX3CL1) AND CX3CR1 IN HUMAN CORONARY ARTERIES WITH NATIVE ATHEROSCLEROSIS, DIABETES, MELLITUS, AND TRANSPLANT VASCULAR DISEASE" CARDIOVASCULAR PATHOLOGY, ELSEVIER SCIENCE, NEW YORK, NY, US, vol. 11, no. 6, November 2002 (2002-11), pages 332-338, XP009055403 ISSN: 1054-2807 * abstract *	1-32	INV. G01N33/74 G01N33/68
A	WO 01/46698 A (CHEMOCENTRYX, INC; SCHALL, THOMAS, J; TALBOT, DALE; MIAO, ZHENHUA; WEI) 28 June 2001 (2001-06-28) * page 8, line 20 - page 9, line 10 * * page 44, line 3 - line 20 *	30	
TECHNICAL FIELDS SEARCHED (IPC)			
G01N C07K C12N			
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 correspond with the state of the art as determined by a prior art search with the state of the art current as at the date of the search.			
Claims searched completely:			
Claims searched incompletely:			
Claims not searched:			
Reason for the limitation of the search: see sheet C			
Place of search The Hague		Date of completion of the search 18 April 2006	Searcher Van Bohemen, C
CATEGORY OF CITED DOCUMENTS		I. priority or principle underlying the invention	
X. particularly relevant prior art		II. other relevant prior art, but published on, or	
Y. particularly relevant if combined with another document of the same category		D. document cited in the application	
A. document of the same category		L. document cited for other reasons	
B. non-written disclosures		& / or prior art of the same patent family, corresponding document	
C. intermediate document			