



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 03 73 9241 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)
X	EP 0 639 584 A (INTERPHARM LABORATORIES LTD) 22 February 1995 (1995-02-22) * the whole document * -----	1-27	INV. C12Q1/00 C12Q1/68 C12Q1/70 G01N33/53 G01N33/566 G01N33/567
E	WO 03/089922 A (AMERICAN NATIONAL RED CROSS) 30 October 2003 (2003-10-30) * the whole document * -----	1-27	
X	JONES C M ET AL: "Synthetic macrophage activating peptides derived from the N-terminus of human MCF" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ACADEMIC PRESS INC. ORLANDO, FL, US, vol. 199, no. 1, 28 February 1994 (1994-02-28), pages 20-25, XP002353091 ISSN: 0006-291X * the whole document * ----- -/--	1-27	
			TECHNICAL FIELDS SEARCHED (IPC)
			G01N C12Q
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		2 May 2006	Angioni, 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	

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EPO FORM 1503 03.02 (P04C20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	WO 01/40265 A (V.I. TECHNOLOGIES, INC; HAMMOND, DAVID, J) 7 June 2001 (2001-06-07) <<< CITED BY ISA >>> -----	1-27	
X	US 5 482 867 A (BARRETT ET AL) 9 January 1996 (1996-01-09) <<< CITED BY ISA >>> -----	1-27	
			TECHNICAL FIELDS SEARCHED (IPC)



Reason for the limitation of the search:

The present claims relate to an extremely large number of possible methods. Support and disclosure in the sense of Article 84 and 83 EPC is to be found however for only a very small proportion of the methods claimed, see p. 13-20. The non-compliance with the substantive provisions is to such an extent, that a meaningful search of the whole claimed subject-matter of the claim could not be carried out (Rule 45 EPC and Guidelines B-VIII, 3). The extent of the search was consequently limited.



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:

1-27 (in part)



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: 1-27 (in part)

A method to screen a mixture for citotoxic factors.

2. claims: 1-27 (in part)

A method to screen cytokine spiked plasma for factors that support cell growth.

3. claims: 1-27 (in part)

A method to identify growth factors.

4. claims: 1-27 (in part)

A method to screen spiked plasma for alkaline phosphatase.

5. claims: 1-27 (in part)

A method to screen plasma for melanoma specific antibodies.

6. claims: 1-27 (in part)

A method to screen a mixture of antibodies for antibodies of an immunized mammal.

7. claims: 1-27 (in part)

A method to identify enzymes bound to libraries by measuring paraoxonase activity.

8. claims: 1-27 (in part)

A method to screen libraries for ligands that bind virus based on screening for virus-associated cytotoxicity.

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

EP 03 73 9241

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.

02-05-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0639584	A	22-02-1995	AT 164591 T	15-04-1998
			AU 678460 B2	29-05-1997
			AU 6487394 A	05-01-1995
			CA 2126359 A1	23-12-1994
			DE 69409312 D1	07-05-1998
			DE 69409312 T2	01-10-1998
			DK 639584 T3	11-05-1998
			ES 2114633 T3	01-06-1998
			JP 7194382 A	01-08-1995
			ZA 9404474 A	14-02-1995

WO 03089922	A	30-10-2003	AU 2003225008 A1	03-11-2003
			AU 2003231731 A1	03-11-2003
			CA 2482529 A1	30-10-2003
			CA 2482856 A1	30-10-2003
			CN 1659432 A	24-08-2005
			EP 1494695 A1	12-01-2005
			EP 1495318 A1	12-01-2005
			JP 2005522712 T	28-07-2005
			WO 03088990 A1	30-10-2003

WO 0140265	A	07-06-2001	AU 4309201 A	12-06-2001
			CA 2392797 A1	07-06-2001
			EP 1237908 A2	11-09-2002
			JP 2004500350 T	08-01-2004

US 5482867	A	09-01-1996	US 5451683 A	19-09-1995
			US 5252743 A	12-10-1993

专利名称(译)	从复杂混合物中鉴定个体活性物质的方法		
公开(公告)号	EP1521841A4	公开(公告)日	2006-09-20
申请号	EP2003739241	申请日	2003-06-20
申请(专利权)人(译)	美国国家红十字会		
当前申请(专利权)人(译)	美国国家红十字会		
[标]发明人	HAMMOND DAVID J LATHROP JULIA TAIT SARKAR JOLLY GHEORGHIU LILIANA		
发明人	HAMMOND, DAVID, J. LATHROP, JULIA, TAIT SARKAR, JOLLY GHEORGHIU, LILIANA		
IPC分类号	G01N33/566 C07K7/06 C12Q1/42 C12Q1/44 C12Q1/68 C12Q1/70 C40B30/04 G01N33/53 G01N33/554 G01N33/567 G01N33/569 G01N33/68 C12Q1/00		
CPC分类号	C40B30/04 G01N33/569 G01N33/6803		
优先权	60/395038 2002-07-11 US		
其他公开文献	EP1521841A1 EP1521841B1		
外部链接	Espacenet		

摘要(译)

一种筛选活性物质的混合物的方法，该方法包括：提供多个配体，其中每个配体连接到载体上以形成多个配体-载体配合物，使配体-载体配合物与包含多个配体的混合物接触在允许至少一个实体与至少一个配体-支持复合物结合的条件下的实体，从而形成至少一个实体-配体-支持复合物，将至少一个实体-配体-支持复合物与未结合的实体分开，测定至少一个用于活性的至少一种实体-配体支持-复合物的实体，检测活性，并选择具有实体的至少一种实体-配体-支持-复合物，其显示检测到的活性，随后筛选混合物的活性实体和相关方法。

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E	WO 03/089922 A (AMERICAN NATIONAL RED CROSS) 30 October 2003 (2003-10-30) * the whole document *	1-27
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<p>The supplementary search report has been based on the last set of claims valid and available at the date of the search.</p> <p>INCOMPLETE SEARCH</p> <p>The Search Division considers that the present application, or some or all of its claims, do(es) not comply with the EPC to such an extent that meaningful search into the state of the art cannot be conducted, or can only be carried out partially, for the following reasons:</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 The Hague		Date of completion of the search 2 May 2005
<p>CLASSIFICATION OF THE APPLICATION (IPC)</p> <p>INV. C12Q1/00 C12Q1/68 C12Q1/70 G01N33/53 G01N33/566 G01N33/567</p>		<p>TECHNICAL FIELDS SEARCHED (IPC)</p> <p>G01N C12Q</p>
<p>EXAMINER'S COMMENTS</p> <p>Category of cited documents:</p> <p>X: particularly relevant if taken alone Y: particularly relevant if considered with another document of the same category O: from within the applicant's technological background F: intermediate document</p> <p>Reasons for citation:</p> <p>T: theory or principle underlying the invention B: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons A: relevant to the same patent family, corresponding document</p>		