



European Patent  
Office

**SUPPLEMENTARY  
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 63 of the European Patent Convention EP 05 75 5309  
shall be considered, for the purposes of subsequent  
proceedings, as the European search report

<b>DOCUMENTS CONSIDERED TO BE RELEVANT</b>		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages		
X	<p>OHLSSON S ET AL: "Increased circulating levels of proteinase 3 in patients with anti-neutrophilic cytoplasmic autoantibodies-associated systemic vasculitis in remission." CLINICAL AND EXPERIMENTAL IMMUNOLOGY MAR 2003, vol. 131, no. 3, March 2003 (2003-03), pages 528-535, XP002467651 ISSN: 0009-9104 * the whole document * In particular: p. 528, Summary; p. 529-530, Materials and Methods; p. 531, col. 1-2, bridging paragraph; p. 532, Fig. 3; p. 534, col. 1, paragraph 2.</p> <p>-----</p> <p style="text-align: center;">-/-</p>	1-9	INV. G01N33/53 G01N33/536 G01N33/537 G01N33/543 G01N33/551
			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.

**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

4

EPO FORM 1503 03.82 (P04E20)

Place of search	Date of completion of the search	Examiner
The Hague	5 February 2008	ANGIONI, C
<b>CATEGORY OF CITED DOCUMENTS</b>		
X : particularly relevant if taken alone	T : theory or principle underlying the invention	
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date	
A : technological background	D : document cited in the application	
O : non-written disclosure	L : document cited for other reasons	
P : intermediate document	& : member of the same patent family, corresponding document	



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	MATTHAEUS T ET AL: "ACUTE ISCHEMIC RENAL FAILURE INDUCES EXPRESSION OF NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN AND MATRIX METALLOPROTEINASE-9 IN DAMAGED TUBULI" KIDNEY AND BLOOD PRESSURE RESEARCH, BASEL, CH, vol. 24, no. 4-6, 29 September 2001 (2001-09-29), page 342, XP009065224 ISSN: 1420-4096 * the whole document * -----	6,7	
E	EP 1 750 500 A (UNIV COLUMBIA [US]; CHILDRENS HOSP MEDICAL CENTER [US]) 14 February 2007 (2007-02-14) * the whole document * In Particular: p. 28, paragraphs 132-134; p. 36, Example 8; p. 44, Example 17; Figures 11D and 25. -----	1-9	TECHNICAL FIELDS SEARCHED (IPC)
E	EP 1 616 184 A (CHILDRENS HOSP MEDICAL CENTER [US]; UNIV COLUMBIA [US]) 18 January 2006 (2006-01-18) * the whole document * -----	6,7	



Although claims 1-5, 8 and 9 are directed to a method of treatment of the human/animal body (Article 53(c) EPC), the search has been carried out on the in vitro method.

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Claim(s) searched completely:  
6, 7

Claim(s) searched incompletely:  
1-5, 8 and 9

Reason for the limitation of the search (non-patentable invention(s)):

Article 53 (c) EPC - Method for treatment of the human or animal body by surgery (Claims 1-5, 8 and 9)

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

EP 05 75 5309

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.

05-02-2008

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1750500	A	14-02-2007	AU CA JP US WO	2005240190 A1 2565701 A1 2007536260 T 2005261191 A1 2005107793 A2		17-11-2005 17-11-2005 13-12-2007 24-11-2005 17-11-2005
EP 1616184	A	18-01-2006	AU BR CA JP MX WO	2004225472 A1 P10408802 A 2520658 A1 2006521565 T PA05010385 A 2004088276 A2		14-10-2004 04-04-2006 14-10-2004 21-09-2006 08-03-2006 14-10-2004

专利名称(译)	早期发现肾脏疾病和损伤的方法		
公开(公告)号	<a href="#">EP1766395A4</a>	公开(公告)日	2008-03-19
申请号	EP2005755309	申请日	2005-06-07
[标]申请(专利权)人(译)	儿童医院医仙 纽约市哥伦比亚大学理事会		
申请(专利权)人(译)	儿童医院医疗中心 哥伦比亚大学的受托人		
当前申请(专利权)人(译)	儿童医院医疗中心 哥伦比亚大学的受托人		
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IPC分类号	G01N33/53 G01N33/536 G01N33/537 G01N33/543 G01N33/551 G01N33/542 G01N33/68		
CPC分类号	G01N33/6893 G01N33/573 G01N2333/82 G01N2800/347 G01N2800/52		
优先权	60/577662 2004-06-07 US 11/096113 2005-03-31 US		
其他公开文献	EP1766395B1 EP1766395A2 EP1766395B2		
外部链接	<a href="#">Espacenet</a>		

### 摘要(译)

一种利用NGAL作为早期血清生物标志物来检测早期肾脏疾病和损伤(包括肾小管损伤)的方法和试剂盒。NGAL是一种小分泌多肽,具有蛋白酶抗性,因此在肾小管细胞损伤后很容易在血清中检测到。NGAL蛋白表达主要在近端小管细胞中检测到,呈点状细胞质分布,让人联想到分泌蛋白。血清中NGAL的出现与肾缺血和肾毒血症的剂量和持续时间有关,并且可以诊断肾小管细胞损伤和肾衰竭。NGAL检测也是监测药物或其他治疗剂肾毒性副作用的有用标志物。

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<p>OHLSSON S ET AL: "Increased circulating levels of proteinase-activated receptors with anti-neutrophilic cytoplasmic autoantibodies-associated systemic vasculitis", in: "Advances in CLINICAL AND EXPERIMENTAL IMMUNOLOGY MAR 2003, Vol. 131, no. 3, March 2003 (2003-03). pages 528-535, XP002467651 ISSN: 0065-9108 The following document(s) is/are cited in this document: In particular: p. 528; Summary; p. 521-522; Materials and methods; p. 531-532; bridging paragraph; p. 532; Fig. 3; p. 534, col. 1, paragraph 2". ----- -----</p>	1-9
CLASSIFICATION OF THE APPLICATION (IPC)		
<p>INV. G01N33/53 G01N33/536 G01N33/537 G01N33/543 G01N33/551</p>		
TECHNICAL FIELDS RESEARCHED (IPC)		
<p>G01N</p>		
<p>The supplementary search report has been based on the last set of claims valid.</p>		
<p>INCOMPLETE SEARCH</p>		
<p>The Search Division considers that the present application, or some or all of its claims, does/do not meet the requirements of patentability. The search of the application cannot be carried out, or can only be carried out partly, for the following claims:</p>		
<p>Claims not examined:</p>		
<p>Reason for the limitation of the search: see sheet C</p>		
4	Place of search: The Hague	Date of conclusion of the search: 5 February 2008
		Examiner: ANGIONI, C
<p>CATEGORY OF CITED DOCUMENTS</p>		
<p>X : particularly relevant if taken alone Y : particularly relevant if taken together with another document of the same category C : cited to show prior art D : cited to show the application is not新颖 P : intermediate document</p>		
<p>T : theory or principle underlying the invention E : embodiment of the invention R : reference to the prior art D : document cited to support the application L : document cited for other reasons X : document cited in the same patent family, corresponding document</p>		