

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

EP 00 91 4875

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  
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09-08-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5482848 A	09-01-1996	WO 9405807 A1	17-03-1994
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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	US 5 482 848 A (DICKSON ROBERT B [US] ET AL) 9 January 1996 (1996-01-09) * the whole document *	1-34	INV. C12Q1/37 A61K38/56 G01N33/573 A61K49/00 A61K51/08 A61K51/10 A61P35/04
X	MOY LILY Y ET AL: "A proteolytic activity in a human breast cancer cell line which is inhibited by the anticarcinogenic Bowman-Birk protease inhibitor" CANCER LETTERS, vol. 85, no. 2, 1994, pages 205-210, XP002446122 ISSN: 0304-3835 * the whole document *	1-34	
T	BENAUD CHRISTELLE ET AL: "Regulation of the activity of matriptase on epithelial cell surfaces by a blood-derived factor" EUROPEAN JOURNAL OF BIOCHEMISTRY, vol. 268, no. 5, March 2001 (2001-03), pages 1439-1447, XP002446123 ISSN: 0014-2956 * the whole document *	1-34	
			TECHNICAL FIELDS SEARCHED (IPC)
			C12Q G01N A61K
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>Munich</b>		Date of completion of the search <b>9 August 2007</b>	Examiner <b>Hars, Jesko</b>
CATEGORY OF CITED DOCUMENTS		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	
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			

专利名称(译)	Matriptase , 一种丝氨酸蛋白酶及其应用		
公开(公告)号	<a href="#">EP1161266A4</a>	公开(公告)日	2007-09-19
申请号	EP2000914875	申请日	2000-03-10
[标]申请(专利权)人(译)	乔治敦大学		
申请(专利权)人(译)	乔治城大学		
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IPC分类号	C12Q1/37 G01N33/53 A61K36/48 A61K38/00 A61K38/56 A61K45/00 A61K49/00 A61K51/00 A61K51/08 A61K51/10 A61P1/00 A61P17/00 A61P35/00 A61P35/04 A61P43/00 C07K16/40 C12N1/15 C12N1/19 C12N1/21 C12N5/10 C12N9/64 C12N15/09 C12P21/08 G01N33/573 G01N33/577		
CPC分类号	A61K49/0039 A61K38/00 A61K49/0056 A61K49/0058 A61K51/10 C12Q1/37 G01N33/573 G01N2333/96433 G01N2500/20		
优先权	60/124006 1999-03-12 US		
其他公开文献	EP1161266A1		
外部链接	<a href="#">Espacenet</a>		

#### 摘要(译)

本发明涉及通过检测组织中单链或双链形式的matriptase的存在来检测乳腺或其他组织中的恶性肿瘤或恶变前病变或病理状况的方法。本发明还涉及一种治疗恶性肿瘤的方法，该方法通过给予抑制有效量的Bowman-Birk抑制剂（BBIC）或其它matriptase抑制剂浓度的肿瘤形成来产生matriptase产生的表型。本发明还涉及编码matriptase蛋白质或其片段的核酸，以及它们用于结构鉴定和建模以鉴定matriptase的其他抑制剂的使用，以及鉴定matriptase调节剂（包括活化剂和抑制剂）的方法。