

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	WO 2007/103808 A2 (UNIV OHIO STATE [US]; SCHMITTGEN THOMAS D [US]; BRACKETT DANIEL J [US]) 13 September 2007 (2007-09-13) * claims 1,2 *	1	INV. C12Q1/68
A	WO 2013/107459 A2 (HERLEV HOSPITAL [DK]; RUPRECHT KARLS UNIVERSITY OF HEIDELBERG [DE]; KR) 25 July 2013 (2013-07-25) * claim 1 *	1	
A	EP 2 518 158 A1 (MICROMEDMARK BIOTECH CO LTD [CN]) 31 October 2012 (2012-10-31) * claim 1 *	1	
X	Anonymous: "Mature sequence hsa-miR-6836-3p", 1 September 2012 (2012-09-01), XP055422997, Retrieved from the Internet: URL:http://www.mirbase.org/cgi-bin/mature.pl?mature_acc=MIMAT0027575 [retrieved on 2017-11-08] * the whole document *	1-12	
T	MOTOHIRO KOJIMA ET AL: "MicroRNA Markers for the Diagnosis of Pancreatic and Biliary-Tract Cancers", PLOS ONE, vol. 10, no. 2, 23 February 2015 (2015-02-23), pages 1-22, XP055382030, DOI: 10.1371/journal.pone.0118220		
E	EP 3 159 398 A1 (TORAY INDUSTRIES [JP]; NAT CANCER CENTER [JP]) 26 April 2017 (2017-04-26) * paragraph [0696] - paragraph [0697]; claim 1 *	1-15	
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 The Hague		Date of completion of the search 5 December 2017	Examiner Gabriels, Jan
<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>			

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due 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 those claims for which no payment was due.

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 (supplementary) 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 (supplementary) 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 (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims:
1-15(partially)

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: 1-15(partially)

A kit comprising miR-6836-3p or a device comprising miR-6836-3p for use in a method for detecting pancreatic cancer.

2-117. claims: 1-15(partially)

Idem as for invention 1 but limited to the next miRNA listed in claim 1 wherein invention 2 corresponds to miR-6893-5p, invention 3 corresponds to miR-6075,....., and invention 117 corresponds to miR-3940-5p.

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

EP 15 80 0550

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.

05-12-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2007103808 A2	13-09-2007	AU 2007223311 A1	13-09-2007
		CA 2638844 A1	13-09-2007
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专利名称(译)	胰腺癌检测试剂盒，装置和检测方法		
公开(公告)号	EP3150707A4	公开(公告)日	2018-04-18
申请号	EP2015800550	申请日	2015-05-29
[标]申请(专利权)人(译)	东丽株式会社 NAT癌症CENT		
申请(专利权)人(译)	TORAY INDUSTRIES , INC. 国家癌症中心		
当前申请(专利权)人(译)	TORAY INDUSTRIES , INC. 国家癌症中心		
[标]发明人	KAWAUCHI JUNPEI NOBUMASA HITOSHI KOZONO SATOKO KONDOU SATOSHI SUDO HIROKO OCHIAI ATSUSHI KOJIMA MOTOHIRO		
发明人	KAWAUCHI JUNPEI NOBUMASA HITOSHI KOZONO SATOKO KONDOU SATOSHI SUDO HIROKO OCHIAI ATSUSHI KOJIMA MOTOHIRO		
IPC分类号	C12N15/09 C12M1/00 C12M1/34 C12Q1/68 G01N33/53 G01N33/574 G01N37/00		
CPC分类号	C12Q1/6886 C12Q2600/158 C12Q2600/178 C12M1/00 C12M1/34 C12N15/09 G01N33/53 G01N33/574 G01N37/00		
优先权	2014113523 2014-05-30 JP 2014185730 2014-09-11 JP		
其他公开文献	EP3150707A1 EP3150707B1		
外部链接	Espacenet		

摘要(译)

本发明提供用于检测胰腺癌的试剂盒或装置，其包含能够与来自受试者的样品中的miRNA特异性结合的核酸和检测胰腺癌的方法，miRNA在体外。



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A	WO 2007/103808 A2 (UNIV OHIO STATE [US]; SCHMITZGEN THOMAS D [US]; BRACKETT DANIEL J [US]); 13 September 2007 (2007-09-13) + claims 1,2 + -----	1	INT. C12Q1/68
A	WO 2013/107499 A2 (HEBLEV HOSPITAL [DK]; RUPRECHT KARLS UNIVERSITY OF HEIDELBERG [DE]; KR) 25 July 2013 (2013-07-25) + claim 1 + -----	1	
A	EP 2 518 159 A1 (MICROMEDMARK BIOTECH CO LTD [DK]) 31 October 2012 (2012-10-31) + claim 1 + -----	1	
X	Anonymous: "Mature sequence hsa-miR-6836-3p". 1 September 2012 (2012-09-01), XP05422997. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/cgi-bin/mature.pl?mature_acc=MIMAT0027575 [retrieved on 2017-11-09] the whole document.	1-12	TECHNICAL FIELD: SEQUENCING (IPC) C12Q
T	WOTOHINO KOJIMA ET AL: "MicroRNA Markers for the Diagnosis of Pancreatic and Biliary-Tract Cancers". PLOS ONE, vol. 10, no. 2, 23 February 2015 (2015-02-23), pages 1-22, XP05382030, DOI: 10.1371/journal.pone.0118220		
E	EP 3 150 398 A1 (TORAY INDUSTRIES [JP]; NAT CANCER CENTER [JP]) 26 April 2017 (2017-04-26) + paragraph [0696] - paragraph [0697]; claim 1 + -----	1-15	
1 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		Date of completion of the search	Searcher
The Hague		5 December 2017	Gabriëls, Jan
CATEGORY OF CITED DOCUMENTS			
X	internally prepared document	E	European patent document, EP, published or not
A	document of the same category	O	other kind of document
P	prior art document	I	document cited for other reasons
W	intermediate document	A	translation of the same patent family, corresponding document