

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 2014/013258 A1 (RENEURON LTD [GB]) 23 January 2014 (2014-01-23) * sequence 545 *	1-15	INV. C12Q1/68 C12M1/00 C12N15/09
A	YIFENG BAI ET AL: "MiR-296-3p regulates cell growth and multi-drug resistance of human glioblastoma by targeting ether-à-go-go (EAG1)", EUROPEAN JOURNAL OF CANCER, vol. 49, no. 3, 1 February 2013 (2013-02-01), pages 710-724, XP055430547, AMSTERDAM, NL ISSN: 0959-8049, DOI: 10.1016/j.ejca.2012.08.020	1-15	G01N33/53 G01N33/574 G01N37/00
A	YANAIHARA NOZOMU ET AL: "Unique microRNA molecular profiles in lung cancer diagnosis and prognosis", CANCER CELL, CELL PRESS, US, vol. 9, no. 3, 1 March 2006 (2006-03-01), pages 189-198, XP002467444, ISSN: 1535-6108, DOI: 10.1016/J.CCR.2006.01.025	1-15	TECHNICAL FIELDS SEARCHED (IPC) C12Q
A,D	WO 2010/139810 A1 (FEBIT HOLDING GMBH [DE]; KELLER ANDREAS [DE]; MEESE ECKART [DE]; BORRI) 9 December 2010 (2010-12-09)	1-15	
E	WO 2015/190542 A1 (TORAY INDUSTRIES [JP]; NAT CANCER CT [JP]) 17 December 2015 (2015-12-17) * the whole document *	1-3,5-8, 10-12	
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 30 November 2017	Examiner Cornelis, Karen
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	

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 for detecting lung cancer comprising a nucleic acid that binds to at least miR-6768-5p, a device for diagnosing lung cancer which comprises this nucleic acid, and a method for detecting lung cancer which uses such a kit or device.

2-150. claims: 1-15(partially)

A kit for detecting lung cancer comprising a nucleic acid that binds to at least the respective miR of claim 1, a device for diagnosing lung cancer which comprises this nucleic acid, and a method for detecting lung cancer which uses such a kit or device.

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

EP 15 80 9623

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.

30-11-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2014013258 A1	23-01-2014	AU 2013291761 A1	26-02-2015
		CA 2879322 A1	23-01-2014
		CN 104703609 A	10-06-2015
		EP 2877187 A1	03-06-2015
		JP 2015529450 A	08-10-2015
		KR 20150059168 A	29-05-2015
		SG 11201500329W A	27-02-2015
		US 2015164955 A1	18-06-2015
		WO 2014013258 A1	23-01-2014
WO 2010139810 A1	09-12-2010	DK 2883966 T3	16-10-2017
		EP 2336353 A1	22-06-2011
		EP 2438187 A1	11-04-2012
		EP 2438188 A1	11-04-2012
		EP 2438190 A1	11-04-2012
		EP 2883966 A1	17-06-2015
		EP 3112479 A1	04-01-2017
		EP 3184651 A1	28-06-2017
		EP 3296406 A2	21-03-2018
		ES 2642395 T3	16-11-2017
		PT 2883966 T	16-10-2017
		US 2012108462 A1	03-05-2012
		US 2012157336 A1	21-06-2012
		US 2012157337 A1	21-06-2012
		US 2016053325 A1	25-02-2016
		US 2016076103 A1	17-03-2016
WO 2010139810 A1	09-12-2010		
WO 2010139811 A1	09-12-2010		
WO 2010139812 A1	09-12-2010		
WO 2015190542 A1	17-12-2015	CA 2951008 A1	17-12-2015
		CN 106414774 A	15-02-2017
		EP 3156500 A1	19-04-2017
		JP W02015190542 A1	20-04-2017
		KR 20170015509 A	08-02-2017
		US 2017107581 A1	20-04-2017
		WO 2015190542 A1	17-12-2015

专利名称(译)	用于检测肺癌的试剂盒或装置，以及肺癌检测方法		
公开(公告)号	EP3159416A4	公开(公告)日	2018-04-18
申请号	EP2015809623	申请日	2015-06-18
[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	SUDO HIROKO NOBUMASA HITOSHI KOZONO SATOKO KONDOU SATOSHI KAWAUCHI JUNPEI OCHIAI ATSUSHI KOJIMA MOTOHIRO		
发明人	SUDO, HIROKO NOBUMASA, HITOSHI KOZONO, SATOKO KONDOU, SATOSHI KAWAUCHI, JUNPEI OCHIAI, ATSUSHI KOJIMA, MOTOHIRO		
IPC分类号	C12Q1/68 C12M1/00 C12N15/09 G01N33/53 G01N33/574 G01N37/00		
CPC分类号	C12M1/00 C12N15/09 C12Q1/68 G01N33/53 G01N33/574 G01N37/00 C12Q1/6837 C12Q1/6886 C12Q2600/158 C12Q2600/178 C12Q2600/118		
优先权	2014125561 2014-06-18 JP		
其他公开文献	EP3159416A1		
外部链接	Espacenet		

摘要(译)

旨在提供用于检测肺癌的试剂盒或装置以及用于检测肺癌的方法。本发明提供用于检测肺癌的试剂盒或装置，其包含能够特异性结合来自受试者的样品中的miRNA的核酸，以及用于检测肺癌的方法，包括在体外测量miRNA。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to:	Classification of the application (IPC)
A	WO 2014/013258 A1 (RENEURON LTD [GB]) 23 January 2014 (2014-01-23) sequence 545	1-15	INV. C12M1/00 C12N15/09 G01N33/53 G01N37/00
A	VIFENG BAI ET AL: "MiR-296-3p regulates cell growth and multi-drug resistance of human glioblastoma by targeting ether-1-g-pro (EAG1)". EUROPEAN JOURNAL OF CANCER, vol. 49, no. 23 (2013-02-01), pages 718-724. XP055436547 AMSTERDAM, NL ISSN: 0959-8649. DOI: 10.1016/j.cej.2012.08.020	1-15	TECHNICAL FIELD: G01N37/00
A	YANAIHARA NOZOMU ET AL: "Unique microRNA molecular profiles in lung cancer diagnosis and prognosis". CANCER CELL PRESS. US, vol. 9, no. 3, 1 March 2006 (2006-03-01), pages 189-195. XP002475444, ISSN: 1535-6198. DOI: 10.1016/j.ccr.2006.01.025	1-15	C12Q
A,D	WO 2010/139810 A1 (FEBIT HOLDING GMBH [DE], KELLER ANDREAS [DE], MEISE ECKART [DE], BORBÉ) 9 December 2010 (2010-12-09)	1-15	
E	WO 2015/190542 A1 (TORAY INDUSTRIES [JP]) 17 December 2015 (2015-12-17) the whole document	1-3,5-8, 10-12	

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

1. The Hague 30 November 2017 Corneilis, Karen

2. E: Inventor or applicant (where applicable)
3. Attorney or agent (where applicable)
4. Applicant (where applicable)
5. Owner of the application (where applicable)
6. Applicant's representative (where applicable)
7. Applicant's representative (where applicable)
8. Member of the same patent family, corresponding document