

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	WO 2011/076142 A1 (UNIV FUDAN [CN]; LI ZHAOYONG [CN]; WU YING [CN]; ZHU HONGGUANG [CN]; L) 30 June 2011 (2011-06-30) * see pages 4-8 and claims 1-4, 13-14 * -----	1-15	INV. C12Q1/68 C12M1/00 C12N15/09 C12N15/113
Y	US 2012/231970 A1 (NAKAGAMA HITOSHI [JP] ET AL) 13 September 2012 (2012-09-13) * see pages 1-4 * -----	1-15	G01N33/53 G01N33/574
Y	WO 2007/081204 A2 (KONINK NL AKADEMIE VAN WETENSC [NL]; PLASTERK RONALD HANS ANTON [NL];) 19 July 2007 (2007-07-19) * The query sequence SEQ ID NO:195 has 100.00 % identity (100.00 % similarity) over 61 positions in a common overlap (range (q:s): 1-61:3-63) with subject GSN:ATG09874 (length: 64) from W02007081204-A2 published on 2007-07-19. * -----	1-15	
Y	WO 2009/008720 A2 (KONINK NL AKADEMIE VAN WETENSC [NL]; VERENIGING VOOR CHRISTELIJK HOGER) 15 January 2009 (2009-01-15) * The query sequence SEQ ID NO:1 has 100.00 % identity (100.00 % similarity) over 21 positions in a common overlap (range (q:s): 1-21:1-21) with subject GSN:AWI62530 (length: 22) from W02009008720-A2 published on 2009-01-15.; the whole document * -----	1-15	TECHNICAL FIELDS SEARCHED (IPC) C12Q
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 Munich		Date of completion of the search 5 December 2017	Examiner Vix, Olivier
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 the detection of colorectal cancer comprising a nucleic acid capable of specifically binding to the marker miR-6726-5p.

2. claims: 1-15(partially)

A kit for the detection of colorectal cancer comprising a nucleic acid capable of specifically binding to the marker miR-4257.

3-180. claims: 1-15(partially)

A kit for the detection of colorectal cancer comprising a nucleic acid capable of specifically binding to one of the marker selected from one of the list of miR-6787-5p to miR6752-5p listed in claim 1.

181. claims: 1-15(partially)

A kit for the detection of colorectal cancer comprising a nucleic acid capable of specifically binding to the marker miR-135a-3p.

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

EP 15 80 6013

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 2011076142 A1	30-06-2011	NONE	

US 2012231970 A1	13-09-2012	JP 6143041 B2	07-06-2017
		JP W02011040525 A1	28-02-2013
		US 2012231970 A1	13-09-2012
		WO 2011040525 A1	07-04-2011

WO 2007081204 A2	19-07-2007	AU 2007205326 A1	19-07-2007
		CA 2636607 A1	19-07-2007
		EP 1984497 A2	29-10-2008
		EP 2402463 A2	04-01-2012
		ES 2612903 T3	19-05-2017
		JP 2009523013 A	18-06-2009
		US 2010035760 A1	11-02-2010
		US 2013178387 A1	11-07-2013
		WO 2007081204 A2	19-07-2007

WO 2009008720 A2	15-01-2009	EP 2176425 A2	21-04-2010
		US 2013190379 A1	25-07-2013
		WO 2009008720 A2	15-01-2009

专利名称(译)	结肠直肠癌检测试剂盒或装置，以及检测方法		
公开(公告)号	EP3156499A4	公开(公告)日	2018-04-18
申请号	EP2015806013	申请日	2015-06-12
[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	KOZONO SATOKO NOBUMASA HITOSHI KONDOU SATOSHI SUDO HIROKO KAWAUCHI JUNPEI OCHIAI ATSUSHI KOJIMA MOTOHIRO		
发明人	KOZONO SATOKO NOBUMASA HITOSHI KONDOU SATOSHI SUDO HIROKO KAWAUCHI JUNPEI OCHIAI ATSUSHI KOJIMA MOTOHIRO		
IPC分类号	C12Q1/68 C12M1/00 C12N15/09 C12N15/113 G01N33/53 G01N33/574		
CPC分类号	C12M1/00 C12N15/09 C12N15/113 C12Q1/68 G01N33/53 G01N33/574 C12Q1/6834 C12Q1/6886 C12Q2600/158 C12Q2600/178 C12Q2600/118		
优先权	2014122686 2014-06-13 JP 2015070182 2015-03-30 JP		
其他公开文献	EP3156499A1		
外部链接	Espacenet		

摘要(译)

旨在提供用于检测结肠直肠癌的试剂盒或装置以及用于检测结肠直肠癌的方法。本发明提供了用于检测结肠直肠癌的试剂盒或装置，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，以及用于检测结肠直肠癌的方法，包括在体外测量miRNA。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant documents	CLASSIFICATION OF THE RELEVANT DOCUMENT
Y	WO 2011/076142 A1 (UNIV FUDAN [CN]; LI ZHAOYONG [CN]; AU YING [CN]; ZHU WONGUANG [CN]; LI SO June 2011 (2011-06-30) * see pages 4-8 and claims 1-4, 13-14 *	1-15	INV. /68 C12M1/00 C12N15/09 C12N15/113 G01N33/53 G01N33/574
Y	US 2012/231970 A1 (NAKAGAMA HITOSHI [JP] ET AL.) 13 September 2012 (2012-09-13) * see pages 1-4 *	1-15	
Y	WO 2007/081204 A2 (KONINK NL AKADEMIE VAN WETENS [NL]; PLASSCH ROMALO HANS ANTON [NL]) 19 July 2007 (2007-07-19) * The query sequence SEQ ID NO:128 has 100.00 % identity (100.00 % similarity) over 61 positions in a common overlap (range (1:2): 1-61:3-62) with subject (SEQ ID NO:128) (length: 62) from WO2007081204-A2 published on 2007-07-19. *	1-15	
Y	WO 2009/088720 A2 (KONINK NL AKADEMIE VAN WETENS [NL]; VERENIGING VOOR CHRISTELIJK WISGEW.) 15 January 2009 (2009-01-15) * The query sequence SEQ ID NO:1 has 100.00 % identity (100.00 % similarity) over 21 positions in a common overlap (range (1:1): 1-21:1-21) with subject (SEQ ID NO:28) (length: 22) from WO2009088720-A2 published on 2009-01-15. ; the whole document * -----	1-15	SEQUENCE PRIORITY C12Q

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

Match: 5 December 2017

SEARCHER: Vix, Olivier

CLASSIFICATION OF CITED DOCUMENTS

1. priority reference # before above classification of the cited document
2. priority reference # after above classification of the cited document
3. number of the same patent family, corresponding document

4. class of document according to the IPC or CPC
5. date of publication of the document
6. date of the filing of the application
7. document cited in prior art
8. member of the same patent family, corresponding document

