

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	ZHONG-HUI CUI ET AL: "Growth inhibition of hepatocellular carcinoma tumor endothelial cells by miR-204-3p and underlying mechanism", WORLD JOURNAL OF GASTROENTEROLOGY, vol. 20, no. 18, 1 January 2014 (2014-01-01), page 5493, XP055432439, CN ISSN: 1007-9327, DOI: 10.3748/wjg.v20.i18.5493 * the whole document * -----	1-15	INV. C12N15/09 C12Q1/68 G01N33/53 G01N33/574
			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 The Hague		Date of completion of the search 6 December 2017	Examiner Botz, Jürgen
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			

2

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)

Invention Number 1:

A kit for the detection of esophageal cancer, comprising nucleic acid(s) capable of specifically binding to at least one polynucleotide consisting of the following esophageal cancer marker miR-204-3p, a device for the detection of esophageal cancer, comprising a nucleic acid capable of specifically binding to at least one polynucleotide selected from the group and consisting of the esophageal cancer marker miR-204-3p, as well as a method for detecting esophageal cancer, comprising measuring the expression level of the target nucleic acid in a sample of a subject using the kit according to any of claims 1 - 5 or the device according to any of claims 6 - 12 and evaluating in vitro whether or not the subject has esophageal cancer using both the measured expression level and control expression level in a sample from a healthy subject measured in the same way, said expression level being the one of miR-204-3p.

2-198. claims: 1-15(partially)

Idem for inventions 2 - 198, starting with microRNA miR-1247-3p (= invention number 2) and ending with miR-6794-5p (= invention number 198).

专利名称(译)	食道癌检测试剂盒或装置，以及检测方法		
公开(公告)号	EP3159406A4	公开(公告)日	2018-04-18
申请号	EP2015809775	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	C12N15/09 C12Q1/68 G01N33/53 G01N33/574		
CPC分类号	C12N15/09 C12Q1/68 G01N33/53 G01N33/574 C12Q1/6837 C12Q1/6886 C12Q2600/158 C12Q2600/178		
优先权	2014125036 2014-06-18 JP 2015070379 2015-03-30 JP		
其他公开文献	EP3159406A1		
外部链接	Espacenet		

摘要(译)

旨在提供用于检测食道癌的试剂盒或装置以及用于检测食道癌的方法。本发明提供用于检测食道癌的试剂盒或装置，其包含能够特异性结合受试者样品中的miRNA的核酸，以及用于检测食道癌的方法，包括测量miRNA。体外。

		SUPPLEMENTARY EUROPEAN SEARCH REPORT		Application Number EP 15 80 9775
DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant date	CLASSIFICATION OF THE APPLICATION (IPC)	
A	ZHONG-HUI CUI ET AL: "Growth inhibition of hepatocellular carcinoma tumor endothelial cells by miR-204-3p and underlying mechanism". WORLD JOURNAL OF GASTROENTEROLOGY , Vol. 20, No. 18, 1 January 2014 (2014-01-01), page 5493, XP05643649. ISSN: 1007-9327, DOI: 10.3748/wjg.v20.i18.5493 * the whole document * - - - -	1-15	INV. C12N15/09 C12Q1/68 G01N33/53 G01N33/574	
			TECHNICAL FIELD C12Q	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.				
Name of inventor: The Hague		Date of publication of the report: 6 December 2017		Examiner: Botz, Jürgen
CATEGORY OF RELEVANT DOCUMENTS				
<input type="checkbox"/> prior art document <input type="checkbox"/> non-patent literature <input type="checkbox"/> patent document <input type="checkbox"/> other				
<input type="checkbox"/> document relevant to the application <input type="checkbox"/> document relevant to the search <input type="checkbox"/> document relevant to the prosecution				

