

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	N. WILD ET AL: "A Combination of Serum Markers for the Early Detection of Colorectal Cancer", CLINICAL CANCER RESEARCH, vol. 16, no. 24, 26 August 2010 (2010-08-26), pages 6111-6121, XP055399114, US ISSN: 1078-0432, DOI: 10.1158/1078-0432.CCR-10-0119 * abstract; tables 2-5 *	1	INV. G01N33/53 G01N33/574
A	FRANCO LUMACHI ET AL: "Simultaneous multianalyte immunoassay measurement of five serum tumor markers in the detection of colorectal cancer", ANTICANCER RESEARCH, vol. 32, no. 3, 1 March 2012 (2012-03-01), pages 985-988, XP055399115, Greece * abstract *	1	
A	WO 2009/037572 A2 (DIAGNOPLEX [CH]; RUEGG CURZIO [CH]; MONNIER-BENOIT SYLVAIN [FR]; CIARL) 26 March 2009 (2009-03-26) * 15 lines 11 et seq.; p7 lines 16 et seq.; claims 1-2 *	1	
A	WO 2012/006681 A1 (COMMW SCIENT IND RES ORG [AU]; COSGRAVE LEAH JANE [AU]; TABOR BRUCE [A]) 19 January 2012 (2012-01-19) * abs; chapter "Regression algorithms and statistics"; claims 1-31 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			G01N
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 17 August 2017	Examiner Rosin, Oliver
<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>			

DOCUMENTS CONSIDERED TO BE RELEVANT			
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T	JEFFREY J. JONES ET AL: "A Plasma-Based Protein Marker Panel for Colorectal Cancer Detection Identified by Multiplex Targeted Mass Spectrometry", CLINICAL COLORECTAL CANCER, vol. 15, no. 2, 1 June 2016 (2016-06-01), pages 186-194.e13, XP055285776, US ISSN: 1533-0028, DOI: 10.1016/j.clcc.2016.02.004 * the whole document *		
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			TECHNICAL FIELDS SEARCHED (IPC)
Place of search		Date of completion of the search	Examiner
The Hague		17 August 2017	Rosin, Oliver
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
EPO FORM 1503 03.82 (P04N04)

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)



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 15 77 0182

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)

Methods of categorizing a colorectal cancer status comprising the biomarker A1AG1.

2-35. claims: 1-15(partially)

Methods of categorizing a colorectal cancer status comprising the biomarker A1AT (invention 2)... up to ... TRFE (invention 35), according of the appearance of the biomarker in the claims.

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

EP 15 77 0182

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.

17-08-2017

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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专利名称(译)	用于检测结肠直肠肿瘤的蛋白质生物标志物谱		
公开(公告)号	EP3123171A4	公开(公告)日	2018-01-03
申请号	EP2015770182	申请日	2015-03-27
[标]申请(专利权)人(译)	应用蛋白质组学公司		
申请(专利权)人(译)	应用蛋白质组学, INC.		
当前申请(专利权)人(译)	应用蛋白质组学, INC.		
[标]发明人	BLUME JOHN BENZ RYAN CRONER LISA DILLON ROSLYN JONES JEFFREY KAO ATHIT PRESTON RICHARD SKOR HEATHER WILCOX BRUCE		
发明人	BLUME, JOHN BENZ, RYAN CRONER, LISA DILLON, ROSLYN JONES, JEFFREY KAO, ATHIT PRESTON, RICHARD SKOR, HEATHER WILCOX, BRUCE		
IPC分类号	G01N33/53 G01N33/574		
CPC分类号	A61P1/04 G01N33/57419		
优先权	61/972153 2014-03-28 US 62/005835 2014-05-30 US 62/107265 2015-01-23 US		
其他公开文献	EP3123171A1		
外部链接	Espacenet		

摘要(译)

本文公开了涉及受试者中结肠癌和结肠直肠癌的诊断或识别的小组。所公开的组和相关方法用于预测或评估患者的结肠肿瘤状态。它们可用于确定肿瘤的性质, 复发或患者对治疗的反应。该方法的一些实施例包括生成用于临床管理的报告。



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A	WO 2012/066681 A1 (COMM SCIENT IND RES ORG [AU]; COSGRAVE LEAH JANE [AU]; TABOR BRUCE [A]) 19 January 2012 (2012-01-19) * title; chapter "Regression algorithms and statistics"; claims 1-31 *	1	

The supplementary search report has been based on the first set of claims valid from the start of the search.

Country of origin: The Hague
Date of publication: 17 August 2017
Inventor: Rosin, Oliver

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