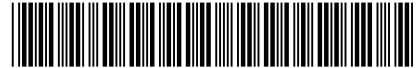


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EUROPEAN PATENT APPLICATION

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(54) **Predictive markers for ovarian cancer**

(57) Methods are provided for predicting the presence, subtype and stage of ovarian cancer, as well as for assessing the therapeutic efficacy of a cancer treatment and determining whether a subject potentially is

developing cancer. Associated test kits, computer and analytical systems as well as software and diagnostic models are also provided.

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EUROPEAN SEARCH REPORT

Application Number
EP 13 17 0474

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	KOELBL H ET AL: "VERGLEICHENDE UNTERSUCHUNGEN UEBER DIE WERTIGKEIT VON AKUTE-PHASE-PROTEINEN UND CA-125 FUER DAS MONITORING VON PATIENTINNEN MIT OVARIALKARZINOM//COMPARATIVE STUDY FOR THE VALUE OF ACUTE-PHASE-PROTEINS AND CA-125 IN THE MONITORING OF PATIENTS WITH MALIGNA", STRAHLENTHERAPIE UND ONKOLOGIE, URBAN UND VOGEL, MUENCHEN, DE, vol. 164, no. 12, 1 January 1988 (1988-01-01), pages 724-728, XP008056603, ISSN: 0179-7158 * abstract * * page 725, column 2, paragraph 2; figures 1,2; table 2 * * page 727, column 2, paragraphs 2,3 *	1	INV. G01N33/53 C07K16/00
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		26 November 2013	Gundlach, Björn
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			

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EPO FORM 1503 03/02 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
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EPO FORM 1503 03.02 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 26 November 2013	Examiner Gundlach, Björn
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EPO FORM 1503 03/02 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
EP 13 17 0474

DOCUMENTS CONSIDERED TO BE RELEVANT			
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 26 November 2013	Examiner Gundlach, Björn
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	

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EPO FORM 1503 03.02 (P04C01)



Application Number

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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 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 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:
- 1-14(partially)
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- ☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
SHEET B

Application Number

EP 13 17 0474

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: 1-14(partially)

Reagent set, kits and methods comprising a combination of
CA125, EGF-R and HE4

2. claims: 1-14(partially)

Reagent set, kits and methods comprising a combination of
CA125, EGF-R and TIMP1

3. claims: 1-14(partially)

Reagent set, kits and methods comprising a combination of
CA125, EGF-R and IL-8

4. claims: 1-14(partially)

Reagent set, kits and methods comprising a combination of
CA125, EGF-R and IL-6

5. claims: 1-12, 15(all partially)

Reagent set, kits and methods comprising a combination of
CA125, CRP and Leptin

6. claims: 1-12, 15(all partially)

Reagent set, kits and methods comprising a combination of
CA125, CRP and insulin

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

EP 13 17 0474

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.

26-11-2013

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

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

EP 13 17 0474

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专利名称(译)	卵巢癌的预测标志物		
公开(公告)号	EP2637020A3	公开(公告)日	2014-01-08
申请号	EP2013170474	申请日	2008-06-30
申请(专利权)人(译)	CORRELOGIC SYSTEMS INC.		
当前申请(专利权)人(译)	CORRELOGIC SYSTEMS INC.		
[标]发明人	MANSFIELD BRIAN YIP PING AMONKAR SURAJ BERTENSHAW GREG		
发明人	MANSFIELD, BRIAN YIP, PING AMONKAR, SURAJ BERTENSHAW, GREG		
IPC分类号	G01N33/53 C07K16/00		
CPC分类号	G01N33/57449 G01N2800/50 G01N2800/52 G01N2800/60 Y02A90/22 Y02A90/26		
优先权	60/947253 2007-06-29 US 61/037946 2008-03-19 US		
其他公开文献	EP2637020A2		
外部链接	Espacenet		

摘要(译)

提供了用于预测卵巢癌的存在，亚型和阶段的方法，以及用于评估癌症治疗的治疗功效和确定受试者是否可能正在发展癌症的方法。还提供相关的测试工具包，计算机和分析系统以及软件和诊断模型。

		EUROPEAN SEARCH REPORT		Application Number EP 13 17 0474
DOCUMENTS CONSIDERED TO BE RELEVANT				
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A	KOEHL H ET AL: "VERGLEICHENDE UNTERSUCHUNGEN UEBER DIE WERTIGKEIT VON AKUTE-PHASE-PROTEINEN UND CA-125 FUEER DAS MONITORING VON PATIENTINNEN MIT OVARIALKARZINOM//COMPARATIVE STUDY FOR THE VALUE OF ACUTE-PHASE-PROTEINS AND CA-125 IN THE MONITORING OF PATIENTS WITH MALIGN STRAHLENTHERAPIE UND ONKOLOGIE, URBAN UND VOGEL, MUEENCHEN, DE, vol. 164, no. 12, 1 January 1988 (1988-01-01), pages 724-728, XP008056603, ISSN: 0179-7158 * abstract * * page 725, column 2, paragraph 2; figures 1.2; table 2 * * page 727, column 2, paragraphs 2.3 *	1	INV. G01N33/53 C07K16/00	
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Place of search The Hague		Date of completion of the search 26 November 2013		Examiner Gundlach, Björn
CATEGORY OF CITED DOCUMENTS				
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1: priority or foreign application underlying the invention 2: priority or foreign application, but published in, or after the filing date 3: document cited in the application 4: document cited for other reasons 5: document of the same patent family, corresponding document				