

**SUPPLEMENTARY
 EUROPEAN SEARCH REPORT**

Application Number
 EP 15 78 6119

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	K S ANDERSON ET AL: "Serum antibodies to the HPV16 proteome as biomarkers for head and neck cancer", BRITISH JOURNAL OF CANCER, vol. 104, no. 12, 7 June 2011 (2011-06-07) , pages 1896-1905, XP055358518, GB ISSN: 0007-0920, DOI: 10.1038/bjc.2011.171 * the whole document * -----	1-11	INV. G01N33/53 G01N33/574
			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		Date of completion of the search	Examiner
The Hague		5 September 2017	Rosin, Oliver
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			

专利名称(译)	用于HPV相关病症的新方法，生物测定和生物标志物		
公开(公告)号	EP3137902A4	公开(公告)日	2017-10-11
申请号	EP2015786119	申请日	2015-03-16
申请(专利权)人(译)	加州大学董事会代表亚利桑那州立大学亚利桑那板		
当前申请(专利权)人(译)	加州大学董事会代表亚利桑那州立大学亚利桑那板		
[标]发明人	ANDERSON KAREN POSNER MARSHALL LABAER JOSHUA		
发明人	ANDERSON, KAREN POSNER, MARSHALL LABAER, JOSHUA		
IPC分类号	G01N33/53 G01N33/574		
CPC分类号	G01N33/56983 G01N33/57411 G01N2333/025 G01N2469/20		
优先权	61/985357 2014-04-28 US		
其他公开文献	EP3137902A1		
外部链接	Espacenet		

摘要(译)

本文提供了在含有抗体的患者样品中快速检测HPV类型 (例如HPV 16和HPV18特异性抗体) 的方法。例如，患有头颈癌的患者具有针对源自HPV的多个早期基因的可检测抗体。这些抗体还可用作HPV相关恶性肿瘤和癌症前状态的生物标志物，用于诊断和预后，以及用于评估治疗和癌症复发预测的方法。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant citation	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Content of documents with relevance, where appropriate, of relevant passages		
X	K. S. ANDERSON ET AL: "Serum antibodies to the HPV16 proteome as biomarkers for head and neck cancer" BRITISH JOURNAL OF CANCER Vol. 104, pp. 12, 7 June 2011 (2011-06-07) 6p pages 1896-1905, XP055358518, ISSN: 0007-0920, DOI: 10.1038/bjc.2011.171 * the whole document *	1-11	INT G01N33/53 G01N33/574
The supplementary search report has been drawn up on the basis of the documents which are indicated in the cited document.			TECHNICAL FIELD G01N
The date of publication of the cited document is 5 September 2017			
The Hague			Rosin, Oliver
CATEGORIES OF CITED DOCUMENTS I: priority or foreign documents under the invention; O: other cited documents, not published or unpublished, of the same category; P: document cited for other reasons Q: document cited in the application R: document cited for other reasons S: member of the same patent family, corresponding document T: other cited documents U: other cited documents V: other cited documents W: other cited documents X: other cited documents Y: other cited documents Z: other cited documents			