

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 77 3392

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	RYAN J. WHITE ET AL: "Wash-free, Electrochemical Platform for the Quantitative, Multiplexed Detection of Specific Antibodies", ANALYTICAL CHEMISTRY, vol. 84, no. 2, 17 January 2012 (2012-01-17), pages 1098-1103, XP055410039, US ISSN: 0003-2700, DOI: 10.1021/ac202757c * abstract; figure 1 *	1-15	INV. C12Q1/68 C07H21/04 C12M1/34 G01N33/02 G01N33/53 G01N27/327
A	ARICA A. LUBIN ET AL: "Folding-Based Electrochemical Biosensors: The Case for Responsive Nucleic Acid Architectures", ACCOUNTS OF CHEMICAL RESEARCH., vol. 43, no. 4, 20 April 2010 (2010-04-20), pages 496-505, XP055410046, US ISSN: 0001-4842, DOI: 10.1021/ar900165x * abstract; figures 1-8 *	1-15	TECHNICAL FIELDS SEARCHED (IPC)
A	WO 2012/071344 A2 (UNIV CALIFORNIA [US]; VALLEE-BELISLE ALEXIS [US]; RICCI FRANCESCO [IT]) 31 May 2012 (2012-05-31) * abstract; claim 1; figure 1 *	1-15	C12Q
A	US 2007/154909 A1 (XIAO YI [US] ET AL) 5 July 2007 (2007-07-05) * abstract; claim 1; figures 1-4 *	1-15	
-/--			
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 27 September 2017	Examiner Costa Roldán, Nuria
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			

1

EPO FORM 1503 03.82 (P04C04)

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
T	SAHAR SADAT MAHSHID ET AL: "A Highly Selective Electrochemical DNA-Based Sensor That Employs Steric Hindrance Effects to Detect Proteins Directly in Whole Blood", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 137, no. 50, 23 December 2015 (2015-12-23), pages 15596-15599, XP055410050, US ISSN: 0002-7863, DOI: 10.1021/jacs.5b04942 * the whole document * -----	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
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 27 September 2017	Examiner Costa Roldán, Nuria
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EPO FORM 1503 03.82 (P04C04)

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

EP 15 77 3392

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.

27-09-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2012071344 A2	31-05-2012	CA 2818556 A1	31-05-2012
		US 2013288923 A1	31-10-2013
		WO 2012071344 A2	31-05-2012

US 2007154909 A1	05-07-2007	US 2007154909 A1	05-07-2007
		WO 2007120299 A2	25-10-2007

专利名称(译)	空间位阻杂交系统，与其相关的测定和方法		
公开(公告)号	EP3126526A4	公开(公告)日	2017-11-08
申请号	EP2015773392	申请日	2015-04-02
[标]申请(专利权)人(译)	VALORISATION RES & DEV PARTNERSHIP		
申请(专利权)人(译)	VALORISATION-RECHERCHE , LIMITED PARTNERSHIP		
当前申请(专利权)人(译)	VALORISATION-RECHERCHE , LIMITED PARTNERSHIP		
[标]发明人	VALLEE BELISLE ALEXIS MAHSHID SAHAR SADAT		
发明人	VALLÉE-BÉLISLE, ALEXIS MAHSHID, SAHAR SADAT		
IPC分类号	C12Q1/68 C07H21/04 C12M1/34 G01N33/02 G01N33/53 G01N27/327		
CPC分类号	G01N33/542 C12Q1/6825 C12Q1/6827 C12Q2563/113 C12Q2565/607 G01N27/3277 G01N2458/10 C12Q2537/125 C12Q2565/501		
代理机构(译)	柜PLASSERAUD		
优先权	61/975231 2014-04-04 US		
其他公开文献	EP3126526A1		
外部链接	Espacenet		

摘要(译)

本公开内容提供了靶标检测和定量系统以及基于使用空间位阻（由靶标本身或用于结合靶标的大分子实体产生）以防止或限制锚定寡核苷酸之间的杂交的相关方法（与底物相关的信号寡核苷酸或信号寡核苷酸的组合（能够特异性结合靶或大分子实体））。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	Classification of the application (IPC)
Category	Selection of documents with indication, where appropriate, of relevant passages		
A	RYAN J. WHITE ET AL.: "Wash-Free, Electrochemical Platform for the Quantitative, Multiplexed Detection of Specific Antibodies", ANALYTICAL CHEMISTRY, vol. 84, no. 2, 1 January 2012 (2012-01-17), pages 1098-1103, XP05410039, US ISSN: 0003-2700, DOI: 10.1021/ac202757c * abstract; figure 1 *	1-15	INT. C12Q1/68 C07H21/04 C12M1/34 G01N33/02 G01N33/53 G01N27/327
A	ARICA A. LUBIN ET AL.: "Folding-Based Electrochemical Biosensors: The Case for Responsive Nucleic Acid Architectures", ACCOUNTS OF CHEMICAL RESEARCH, vol. 43, no. 4, 20 April 2010 (2010-04-20), pages 496-505, XP05410046, ISSN: 0001-4842, DOI: 10.1021/ar900165x * abstract; figures 1-8 *	1-15	TECHNICAL FIELD SEARCHED: (IPC) C12Q
A	WO 2012/071344 A2 (UNIV CALIFORNIA [US]; VALLEE-BELISLE ALEXIS [US]; RICCI FRANCESCO [IT]); 31 May 2012 (2012-05-31) * abstract; claim 1; figure 1	1-15	
A	US 2007/154909 A1 (XIAO YI [US] ET AL) 5 July 2007 (2007-07-05) * abstract; claim 1; figures 1-4 *	1-15	
The present document is a search report based on the best information available at the time of the search.			
Munich		27 September 2017	Costa Roldán, Nuria
CATEGORY OF CITED DOCUMENTS A: prior art document (patent, published patent application, or other document of the same category) B: document cited for its relevance C: document cited for other reasons D: document of the same patent family, corresponding document			