

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	FOAD MASHAYEKHI ET AL: "Enhancing the lateral-flow immunoassay for viral detection using an aqueous two-phase micellar system", ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol. 398, no. 7 - 8, 2010, pages 2955-2961, XP019863982, * page 2957, right-hand column, last paragraph *	1-15	INV. G01N33/538 G01N33/50 G01N33/53 G01N33/543
X	FOAD MASHAYEKHI ET AL: "Enhancing the lateral-flow immunoassay for detection of proteins using an aqueous two-phase micellar system", ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol. 404, no. 6 - 7, 2012, pages 2057-2066, XP035119981, * page 2061, left-hand column, paragraph 2 *	1-15	
X,P	RICKY Y.T. CHIU ET AL: "Simultaneous concentration and detection of biomarkers on paper", LAB ON A CHIP, vol. 14, no. 16, 12 June 2014 (2014-06-12), pages 3021-3028, XP055415955, * figure 2 *	1-15	TECHNICAL FIELDS SEARCHED (IPC) G01N
X,P	CHUEH-YU WU ET AL: "Research highlights: increasing paper possibilities", LAB ON A CHIP, vol. 14, no. 17, 21 July 2014 (2014-07-21), page 3258, XP055415805, * figure 2 *	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 The Hague		Date of completion of the search 16 October 2017	Examiner Gunster, Marco
<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>			

专利名称(译)	用于整合分析物提取，浓缩和检测的装置		
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外部链接	Espacenet		

摘要(译)

本文公开了使用水性两相系统和侧向流动测定来检测样品中的目标分析物的装置和方法。这些装置和方法可用于诊断生物样品中的疾病或病症，例如血液或血清。另外，这些装置和方法可用于检测食品样品中的过敏原或水样中的污染物，例如环境毒素。装置和套件组件可以方便地组装在便携式容器中，并且在大多数情况下都适合于致动。这些设备使用简单，需要未经过培训的操作员将样品简单地添加到设备中。方便地，检测目标分析物所花费的时间非常短。因此，本文公开的装置和方法提供了用于即时护理的新颖且有用的手段。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to:	CLASSIFICATION OF THE APPLICATION (IPC)
X	FOAD MASHAYEKHI ET AL: "Enhancing the lateral-flow immunoassay for vira detection using an aqueous two-phase micellar system". ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol. 398, no. 7, 8, 2016, pages 2955-2961, XP019883982, page 2957, right-hand column, last paragraph	1-15	INV. G01N33/538 G01N33/50 G01N33/53 G01N33/543
X	FOAD MASHAYEKHI ET AL: "Enhancing the lateral-flow immunoassay for detection of proteins using an aqueous two-phase micellar system". ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol. 404, no. 6, 7, 2012, pages 2067-2068, XP025119981, page 2061, left-hand column, paragraph 2	1-15	
X,P	RICKY Y.T. CHIU ET AL: "Simultaneous concentration and detection of biomarkers on paper A CHIP". LAB ON A CHIP, vol. 14, no. 16, 12 June 2014 (2014-06-12), pages 3021-3028, XP05419905,	1-15	TECHNICAL FIELD (IPC) GOIN
X,P	CHUEN-YU SHU ET AL: "Research highlights: increasing paper possibilities". LAB ON A CHIP, vol. 14, no. 17, 21 July 2014 (2014-07-21), page 3028, XP05419905,	1-15	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
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CATEGORY OF RELEVANT DOCUMENTS: X: particularly relevant if refers alone Y: relevant if referred to in another document P: prior art document A: non-patent literature N: non-relevant document R: member of the same patent family, corresponding document			