



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 02 80 2883
shall be considered, for the purposes of subsequent
proceedings, as the European search report

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	WO 00/77261 A (THE ROCKEFELLER UNIVERSITY) 21 December 2000 (2000-12-21) * abstract; claims 1,2,5,7,15,17,27,29,31,33,40 * * page 4, line 1 - page 9, line 2 * * page 8, lines 15-17 * * page 10, lines 6-17 * -----	1-3, 8-14, 21-34, 37-43	C12Q1/68
X	HU J.S. ET AL.: "ANALYSIS OF DRUG PHARMACOLOGY TOWARDS PREDICTING DRUG BEHAVIOR BY EXPRESSION PROFILING USING HIGH-DENSITY OLIGONUCLEOTIDE ARRAYS" ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, NEW YORK ACADEMY OF SCIENCES, NEW YORK, NY, US, vol. 919, 2000, pages 9-15, XP009047564 ISSN: 0077-8923 * abstract; figures 1-3; tables 1,2 * ----- -/--	1-3, 8-14, 21-34, 37-43	TECHNICAL FIELDS SEARCHED (IPC) C12Q
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 23 February 2006	Examiner Barz, W
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 (P04C20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	LOCKHART D.J. ET AL.: "EXPRESSION MONITORING BY HYBRIDIZATION TO HIGH-DENSITY OLIGONUCLEOTIDE ARRAYS" BIO/TECHNOLOGY, NATURE PUBLISHING CO. NEW YORK, US, vol. 14, no. 13, December 1996 (1996-12), pages 1675-1680, XP002022521 ISSN: 0733-222X * abstract; figures 1-5 * -----	1-3, 8-14, 21-34, 37-43	
X	"GeneChip Human Genome U133 set" ANNOUNCEMENT AFFYMETRIX, September 2001 (2001-09), XP002324895 * the whole document * -----	1-3, 8-14, 41-43	
X	REILLY T.P. ET AL.: "Expression profiling of acetaminophen liver toxicity in mice using microarray technology" BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, ACADEMIC PRESS INC. ORLANDO, FL, US, vol. 282, no. 1, 23 March 2001 (2001-03-23), pages 321-328, XP002205329 ISSN: 0006-291X * abstract; table 2 * * "Microarray protocol" in Material and Methods * -----	1-3, 8-14, 41-43	TECHNICAL FIELDS SEARCHED (IPC)
X	MATYSIAK S. ET AL.: "Automating parallel peptide synthesis for the production of PNA library arrays" BIOTECHNIQUES, INFORMA LIFE SCIENCES PUBLISHING, WESTBOROUGH, MA, US, vol. 31, no. 4, October 2001 (2001-10), pages 896,898,900-902,904, XP001189440 ISSN: 0736-6205 * the whole document * ----- -/--	1-14, 41-43	



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	WEILER J. ET AL.: "Hybridisation based DNA screening on peptide nucleic acid (PNA) oligomer arrays" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 25, no. 14, 1997, pages 2792-2799, XP002242846 ISSN: 0305-1048 * abstract *	1-14, 21-34, 37-46	
A	----- OSOEGAWA K. ET AL.: "A bacterial artificial chromosome library for sequencing the complete human genome" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, WOODBURY, NY, US, vol. 11, no. 3, March 2001 (2001-03), pages 483-496, XP002310986 ISSN: 1088-9051 * the whole document *	1-14, 21-34, 37-46	TECHNICAL FIELDS SEARCHED (IPC)
A	----- ARLINGHAUS H.F. ET AL.: "Analysis of biosensor chips for identification of nucleic acids" ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, COLUMBUS, US, vol. 69, no. 18, 15 September 1997 (1997-09-15), pages 3747-3753, XP002973382 ISSN: 0003-2700 * abstract *	1-14, 21-34, 37-46	
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	LIOTTA L. ET AL.: "MOLECULAR PROFILING OF HUMAN CANCER" NATURE, NATURE PUBLISHING GROUP, LONDON, GB, vol. 1, no. 1, October 2000 (2000-10), pages 48-56, XP001121735 ISSN: 0028-0836 * the whole document * -----	1-14, 21-34, 37-46	
A	HARRINGTON C.A. ET AL.: "MONITORING GENE EXPRESSION USING DNA MICROARRAYS" CURRENT OPINION IN MICROBIOLOGY, CURRENT BIOLOGY LTD, GB, vol. 3, 2000, pages 285-291, XP000951614 ISSN: 1369-5274 * the whole document * -----	1-14, 21-34, 37-46	TECHNICAL FIELDS SEARCHED (IPC)
A	SCHULZE A. ET AL.: "Navigating gene expression using microarrays--a technology review" NATURE CELL BIOLOGY, MACMILLAN PUBLISHERS, GB, vol. 3, no. 8, August 2001 (2001-08), pages E190-E195, XP002259315 ISSN: 1465-7392 * abstract; figures 1,2 * -----	1-14, 21-34, 37-46	



Reason for the limitation of the search (non-patentable invention(s)):

Article 52 (2)(d) EPC - Presentation of information

Claims 15-20 and 35-36 relate to the recording, storage, or display of information which is not patentable according to Article 52 (2)(d) EPC.

EP 02 80 2883

23-02-2006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0077261 A	21-12-2000	AU 5495400 A US 2001053849 A1	02-01-2001 20-12-2001

专利名称(译)	使用微阵列检测和监测酒精中毒和相关疾病的方法和装置		
公开(公告)号	EP1451374A4	公开(公告)日	2006-04-26
申请号	EP2002802883	申请日	2002-11-08
申请(专利权)人(译)	董事会TEXAS系统摄政大学		
当前申请(专利权)人(译)	董事会TEXAS系统摄政大学		
[标]发明人	HARRIS ADRON MAYFIELD DAYNE R LEWOHL JO DODD PETER R		
发明人	HARRIS, ADRON MAYFIELD, DAYNE, R. LEWOHL, JO DODD, PETER, R.		
IPC分类号	C12Q1/68 G01N33/53 G01Q80/00 C07H21/04 C12M1/00 C12M1/34 C12N15/09 G01N33/48 G01N33/50 G01N33/566 G01Q70/18 G06F19/00 A61K31/44		
CPC分类号	C12Q1/6837 C12Q1/6883 C12Q2600/158		
优先权	60/338270 2001-11-08 US		
其他公开文献	EP1451374A1		
外部链接	Espacenet		

摘要(译)

公开了一种用于检测，诊断和/或监测酒精中毒和相关疾病状态的装置和方法。该装置包括基质和附着于基质的一种或多种酒精中毒特异性核酸。通过从酒精中毒或酒精滥用或酒精相关疾病状态的人收集的样品接触基质，其中在预先选择的结合条件下发生接触，所述结合条件提供可由计算机收集和记录的信息。

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Claims searched completely:			
Claims searched incompletely:			
Claims not searched:			
Reason for the limitation of the search: see sheet C			
4	Date of search: Munich	Date of completion of the search: 23 February 2006	Examiner: Barz, W
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: document of the same category A: technological background C: non-written disclosure P: intermediate document 1: theory or principle underlying the invention 2: 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			