



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 01 95 7025
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)
Y	WO 95/06240 A (METRIKA LAB INC [US]) 2 March 1995 (1995-03-02) * page 26 * * page 31 - page 32 * * example 3 * * figure 16 *	1-12	INV. G01N33/558 G01N33/68 G01N33/76
Y	----- COLE L A ET AL: "Urine hCG beta-subunit core fragment, a sensitive test for ectopic pregnancy." THE JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM. FEB 1994, vol. 78, no. 2, February 1994 (1994-02), pages 497-499, XP002410103 ISSN: 0021-972X * abstract * * table 1 * * page 499, column 2, paragraph 2 * ----- -/--	1-12	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.			
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 7 December 2006	Examiner Schalich, Juliane
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	
A	WO 99/41584 A2 (UNIV COLUMBIA [US]; CONNOR JOHN F O [US]; KOVALEVSKAYA GALINA I [US];) 19 August 1999 (1999-08-19) * page 31 * * page 36 - page 38 * * table 4 *	1-12	
Y	WO 98/36278 A (BETH ISRAEL HOSPITAL [US]) 20 August 1998 (1998-08-20) * page 9, paragraph 2 * * figure 1 *	7	
			TECHNICAL FIELDS SEARCHED (IPC)



Claim(s) searched incompletely:
8

Claim(s) not searched:
-

Reason for the limitation of the search:

Present claim 8 encompasses features (ectopic pregnancy line, a normal pregnancy line, and a test completion line) defined only by their function, contrary to the requirements of clarity of Article 84 EPC, because the result-to-be-achieved type of definition does not allow the scope of the claim to be ascertained. This non-compliance with the substantive provisions is to such an extent, that a meaningful search of the whole claimed subject-matter of the claim could not be carried out (Rule 45 EPC).

The search of claim 8 was consequently restricted to the examples described in claims 9 and 10.

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

EP 01 95 7025

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.

07-12-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9506240	A	02-03-1995	AU 7563294 A	21-03-1995
			CA 2170402 A1	02-03-1995
			EP 0722563 A1	24-07-1996
			JP 9503581 T	08-04-1997
			US 5580794 A	03-12-1996

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			AU 4179999 A	30-08-1999
			CA 2319784 A1	19-08-1999
			EP 1057000 A2	06-12-2000
			JP 2003526080 T	02-09-2003
			US 6500627 B1	31-12-2002
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			US 2003124737 A1	03-07-2003

WO 9836278	A	20-08-1998	AU 6277498 A	08-09-1998

专利名称(译)	用于区分正常和异位妊娠的诊断装置及其制备方法		
公开(公告)号	EP1307134A4	公开(公告)日	2007-01-17
申请号	EP2001957025	申请日	2001-08-10
[标]发明人	CHANG JIN DONG CHA JUNG HAK NAM JUNG HYUN		
发明人	CHANG, JIN-DONG CHA, JUNG-HAK NAM, JUNG-HYUN		
IPC分类号	G01N33/53 G01N33/558 A61B5/00 A61B8/08 A61B10/00 G01N33/50 G01N33/531 G01N33/543 G01N33/577 G01N33/68 G01N33/76		
CPC分类号	G01N33/76 A61B8/0866 A61B10/0012 G01N33/558 G01N33/689 G01N2800/368 Y10S436/818		
优先权	1020000046755 2000-08-12 KR		
其他公开文献	EP1307134B1 EP1307134A1		
外部链接	Espacenet		

摘要(译)

公开了一种用于同时检测和区分正常妊娠和异位妊娠的一步诊断装置以及制备该装置的方法。利用本发明的装置和原理，通过免疫学检测人绒毛膜促性腺激素 (hCG) 与其分泌到体液中的其修饰形式之间的形态差异，可以在早期快速准确地确定正常妊娠和异位妊娠。怀孕的女性。

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	NO 95/06240 A ((METRIKA LAB INC [US])) 2 March 1995 (1995-03-02) * page 26 * * page 31 - page 32 * * example 3 * * figure 16 *	1-12
Y	COLE L A ET AL: "Urine hCG beta-subunit core fragment, a sensitive test for ectopic pregnancy," THE JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM, FEB 1994, VOL. 78, NO. 2, FEBRUARY 1994 (1994-02), pages 497-499, XP002410103 ISSN: 0021-972X * abstract * * table 1 * * page 499, column 2, paragraph 2 * ----- -/-	1-12
The information on which this search has been based on the last set of claims valid at the date of publication of the application is as follows:		
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 reason: Claims searched completely : Claims not searched : Reason for the limitation of the search: see sheet C		
5	Place of search Munich	Date of completion of the search 7 December 2006
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 G : non-written literature P : intermediate document		I : theory or principle underlying the invention E : earlier patent document, not published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document