



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	HUMBLLOT P: "PROTEINES SPECIFIQUES DE LA GESTATION CHEZ LES RUMINANTS PREGNANCY SPECIFIC PROTEINS IN RUMINANTS" EARLY PREGNANCY, SOCIETY FOR THE INVESTIGATION OF EARLY PREGNANCY, CHERRY HILL,, US, vol. 28, no. 6, PART B, 1988, pages 1753-1762, XP008057285 ISSN: 1537-6583 * abstract *	1-18	G01N33/53
X	HUMBLLOT P ET AL: "PREGNANCY-SPECIFIC PROTEIN B, PROGESTERONE CONCENTRATIONS AND EMBRYONIC MORTALITY DURING EARLY PREGNANCY IN DAIRY COWS" JOURNAL OF REPRODUCTION AND FERTILITY, JOURNALS OF REPRODUCTION AND FERTILITY LTD, GB, vol. 83, no. 1, 1988, pages 215-223, XP008057286 ISSN: 0022-4251 * page 215 - page 217 *	1-18	
X	HUMBLLOT P ET AL: "DIAGNOSIS OF PREGNANCY BY RADIOIMMUNOASSAY OF A PREGNANCY-SPECIFIC PROTEIN IN THE PLASMA OF DAIRY COWS" THERIOGENOLOGY, vol. 30, no. 2, 1988, pages 257-268, XP002359953 ISSN: 0093-691X * page 257 - page 260 *	1-18	
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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 13 January 2006	Examiner Lunter, P
<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>			

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EPO FORM 1503 03.82 (F04C04)



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	SZENCI O ET AL: "Evaluation of false ultrasonographic diagnoses in cows by measuring plasma levels of bovine pregnancy-associated glycoprotein 1" VETERINARY RECORD, BRITISH VETERINARY ASSOCIATION, LONDON, GB, vol. 142, no. 12, 21 March 1998 (1998-03-21), pages 304-306, XP002109214 ISSN: 0042-4900 * page 304 - page 305 *	1-18	TECHNICAL FIELDS SEARCHED (IPC)
Y	GREEN J A ET AL: "Pregnancy-associated bovine and ovine glycoproteins exhibit spatially and temporally distinct expression patterns during pregnancy." BIOLOGY OF REPRODUCTION. JUN 2000, vol. 62, no. 6, June 2000 (2000-06), pages 1624-1631, XP002359954 ISSN: 0006-3363 * abstract * * figure 1 *	1-18	
Y	WO 99/47934 A (THE CURATORS OF THE UNIVERSITY OF MISSOURI; ROBERTS, ROBERT, MICHAEL;) 23 September 1999 (1999-09-23) * page 4 * * page 16 * * page 44 - page 45 *	1-18	
----- -/--			
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Place of search The Hague		Date of completion of the search 13 January 2006	Examiner Lunter, P
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EPO FORM 1503 06.82 (F04C04)



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	MARY PAVLO AVALLE ET AL: "DEVELOPMENT OF MONOCLONAL AND POLYCLONAL ANTIBODIES AGAINST BOVINE PREGNANCY-ASSOCIATED GLYCOPROTEINS (PAG) FOR USE AS REAGENTS IN LOCALIZATION OF PAG EXPRESSION AND FOR PREGNANCY DETECTION" BIOLOGY OF REPRODUCTION, SOCIETY FOR THE STUDY OF REPRODUCTION, CHAMPAIGN, IL, US, vol. 64, no. SUPPL 1, 1 July 2001 (2001-07-01), page 341, XP008057277 ISSN: 0006-3363 * abstract *	1-18	
Y	TAKAHASHI T ET AL: "SIMPLE PURIFICATION PROCEDURE FOR BOVINE PREGNANCY-ASSOCIATED GLYCOPROTEIN WITH PEPSTATIN A-COUPLED AFFINITY CHROMATOGRAPHY" JOURNAL OF REPRODUCTION AND FERTILITY. ABSTRACT SERIES, CAMBRIDGE, GB, no. 26, December 2000 (2000-12), page 32, XP008057289 ISSN: 0954-0725 * abstract *	1-18	
			TECHNICAL FIELDS SEARCHED (IPC)
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Place of search The Hague		Date of completion of the search 13 January 2006	Examiner Lunter, P
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 80 3688

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
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13-01-2006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9947934 A	23-09-1999	AU 768018 B2	27-11-2003
		AU 3102899 A	11-10-1999
		CA 2323812 A1	23-09-1999
		EP 1141727 A2	10-10-2001
		NZ 507033 A	25-06-2004

专利名称(译)	用于准确早期妊娠诊断的组合物和方法		
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申请号	EP2002803688	申请日	2002-11-20
[标]申请(专利权)人(译)	密苏里大学		
申请(专利权)人(译)	密苏里大学的策展人 MONSANTO科技有限责任公司		
当前申请(专利权)人(译)	密苏里大学的策展人 MONSANTO科技有限责任公司		
[标]发明人	LUCY MATTHEW C MATHIALAGAN NAGAPPAN		
发明人	LUCY, MATTHEW, C. MATHIALAGAN, NAGAPPAN		
IPC分类号	G01N33/74 G01N33/53		
CPC分类号	G01N33/689 G01N33/743 G01N2800/368 Y10S436/814 Y10S436/817		
优先权	60/331822 2001-11-20 US		
其他公开文献	EP1468288A2		
外部链接	Espacenet		

摘要(译)

本发明提供了用于检测妊娠的改进的测定法。在测定中，结合孕酮分析分析妊娠相关糖蛋白。本发明的技术通过降低假阳性结果的速率克服了现有技术的限制。可以实施本发明提供的测定以提高商业动物育种计划的效率。

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X	HUMBLLOT P ET AL: "DIAGNOSIS OF PREGNANCY BY RADIOIMMUNOASSAY OF A PREGNANCY-SPECIFIC PROTEIN IN THE PLASMA OF DAIRY COWS" THERIOGENOLOGY, VOL. 30, no. 2, 1988, pages 257-268, XP002359963 ISSN: 0093-691X * page 257 - page 260 * -/-	1-18	
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