



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 03 74 7667 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)
P,X	WO 03/028582 A2 (ASPENBIO INC [US]) 10 April 2003 (2003-04-10) * page 13, line 17 - page 14, line 31 * * page 27, line 19 - line 25 * * claims; examples *	1-30	INV. G01N33/53 C07K16/18
E	----- WO 2004/095033 A2 (MOSANTO TECHNOLOGY LLC [US]; MATHIALAGAN NAGAPPAN [US]) 4 November 2004 (2004-11-04) * paragraph [0021] - paragraph [0042] * * claims; examples *	1-30	
E	----- WO 2004/059282 A2 (MONSANTO TECHNOLOGY LLC [US]; NAGAPPAN MATHIALAGAN [US]) 15 July 2004 (2004-07-15) * page 7, lines 10-29 * * claims; examples *	1-30	
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			TECHNICAL FIELDS SEARCHED (IPC)
			C07K A61K
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 12 January 2007	Examiner Rankin, Robert
CATEGORY OF CITED DOCUMENTS		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	
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			

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EPO FORM 1503 06.02 (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	ROBERTS R M ET AL: "Interferons as hormones of pregnancy." ENDOCRINE REVIEWS. AUG 1992, vol. 13, no. 3, August 1992 (1992-08), pages 432-452, XP002414419 ISSN: 0163-769X * the whole document * -----	1-30	
			TECHNICAL FIELDS SEARCHED (IPC)



Although claims 1, 4, 22-28 are directed to a diagnostic method practised on the animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the composition.

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

EP 03 74 7667

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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12-01-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03028582 A2	10-04-2003	NONE	
WO 2004095033 A2	04-11-2004	NONE	
WO 2004059282 A2	15-07-2004	AU 2003297304 A1	22-07-2004

专利名称(译)	怀孕检测		
公开(公告)号	EP1546716A4	公开(公告)日	2007-04-11
申请号	EP2003747667	申请日	2003-05-02
[标]申请(专利权)人(译)	AspenBio公司		
申请(专利权)人(译)	AspenBio公司, INC.		
当前申请(专利权)人(译)	AspenBio公司, INC.		
[标]发明人	COLGIN MARK NEWMAN DIANE LANDMANN CATHY ROTH J W HURST ROGER		
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IPC分类号	G01N33/53 A61D17/00 C07K16/18 G01N33/68		
CPC分类号	A61D17/006 C07K16/18 G01N33/689 G01N2333/4715 G01N2800/368 Y10S435/806 Y10S436/807 Y10S436/814 Y10S436/906		
优先权	60/377987 2002-05-02 US 60/377166 2002-05-02 US 60/380043 2002-05-02 US 60/377921 2002-05-02 US 60/377165 2002-05-02 US 60/377355 2002-05-02 US 60/377829 2002-05-02 US 60/380042 2002-05-02 US		
其他公开文献	EP1546716A2		
外部链接	Espacenet		

摘要(译)

本发明提供了测试有蹄类和非蹄类反刍动物的妊娠和非妊娠的方法和组合物。本发明提供的测试在与发生繁殖的发情周期或非怀孕动物繁殖后的第一个发情周期一致的时间内是有用的。本发明提供的测试可用于发情和排卵同步程序中，一次妊娠测试可用于一次发情周期内非妊娠动物的再同步。本发明提供的测试测定了雌性动物样品中所选IFN-γ诱导的蛋白的存在，不存在或水平。本发明的测试可用于测试细胞，血液，血浆，血清，细胞，牛奶，鼻分泌物，眼分泌物，阴道分泌物，尿液和唾液样品。本发明提供的测试是免疫测定。提供了在此类测试中有用的多克隆和单克隆抗体，以及制备此类抗体和杂交瘤细胞系的方法。提供了用于执行这种测试的设备，使用这种设备的方法以及制造这种设备的方法。还提供了包含此类设备的套件。本发明提供了一种确定繁殖准备的

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Claims searched completely:			
Claims searched incompletely:			
Claims not searched:			
Reason for the limitation of the search: see sheet C			
Place of search		Date of completion of the search	Examiner
Munich		12 January 2007	Rankin, Robert
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone			
Y: particularly relevant if combined with another document of the same category			
Z: non-relevant background			
F: intermediate document			
E: theory or principle underlying the invention			
I: earlier patent document, but publication or document cited in the application			
L: document cited for other reasons			
M: member of the same patent family, corresponding document			

方法。本发明提供了一种以一个发情周期或更短的育种周期时间使育种再同步的方法。本发明还提供了通过强迫发情和人工授精进行繁殖的方法。