



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	US 5 892 577 A (GORDON ET AL) 6 April 1999 (1999-04-06) * the whole document * * figures 1,3 * * column 5, line 9 - line 25 * -----	1-6, 24-37	INV. G01N33/567
X	US 4 687 638 A (BENAJAM ET AL) 18 August 1987 (1987-08-18) * the whole document * * claim 1 * * column 3, line 16 * -----	1-6, 24-37	
L,P, X	WO 02/059622 A (BURSTEIN TECHNOLOGIES, INC) 1 August 2002 (2002-08-01) * the whole document * * claims 1-7 *	1-6, 24-37	
L,P, X	WO 02/42780 A (BURSTEIN TECHNOLOGIES, INC) 30 May 2002 (2002-05-30) * the whole document * -----	1-6, 24-37	
			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.			
Place of search The Hague		Date of completion of the search 27 January 2006	Examiner Jenkins, G
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			



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-6,24-37



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-6,24-37

Blood-typing using an optical bio-disc with capture antibodies.

2. claim: 7

Blood-typing using an optical bio-disc according to claim 7.

3. claims: 8-20

Blood-typing using an optical bio-disc with a biomatrix.

4. claims: 21-23

Immunoassays in blood using an optical bio-disc according to claim 21.

5. claims: 38-46

Immunoassays in blood using an optical bio-disc according to claim 38.

6. claims: 47-53

Immunoassays in blood using an optical bio-disc according to claim 47.

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

EP 02 79 7129

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.

27-01-2006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5892577 A	06-04-1999	AT 314649 T	15-01-2006
		AU 714662 B2	06-01-2000
		AU 3481595 A	09-04-1996
		BR 9509021 A	30-12-1997
		CA 2200562 A1	28-03-1996
		CN 1530642 A	22-09-2004
		CN 1158659 A	03-09-1997
		EP 0782705 A1	09-07-1997
		WO 9609548 A1	28-03-1996
		JP 3364719 B2	08-01-2003
		JP 10504397 T	28-04-1998
		JP 2002022651 A	23-01-2002
		JP 3743857 B2	08-02-2006
		JP 2002107289 A	10-04-2002
JP 2005164615 A	23-06-2005		
US 4687638 A	18-08-1987	DE 3370864 D1	14-05-1987
		EP 0107580 A2	02-05-1984
		FR 2535058 A1	27-04-1984
		JP 1584057 C	22-10-1990
		JP 2009709 B	05-03-1990
		JP 59132338 A	30-07-1984
WO 02059622 A	01-08-2002	EP 1410042 A1	21-04-2004
WO 0242780 A	30-05-2002	AU 3928902 A	03-06-2002
		EP 1410045 A2	21-04-2004

专利名称(译)	用光学BIO盘进行血型分类的方法和装置		
公开(公告)号	EP1451589A4	公开(公告)日	2006-07-19
申请号	EP2002797129	申请日	2002-11-15
申请(专利权)人(译)	伯斯坦TECHNOLOGIES, INC.		
当前申请(专利权)人(译)	伯斯坦TECHNOLOGIES, INC.		
[标]发明人	HURT SUSAN NEWCOMB GORDON JOHN FRANCIS MCINTYRE KEVIN ROBERT		
发明人	HURT, SUSAN, NEWCOMB GORDON, JOHN, FRANCIS MCINTYRE, KEVIN, ROBERT		
IPC分类号	G01N33/53 C12Q1/02 G01N21/75 G01N33/80 G01N33/567		
CPC分类号	G01N21/75 G01N33/80		
优先权	60/353773 2002-01-31 US 60/375568 2002-04-25 US 10/988850 2001-11-19 US 60/353014 2002-01-29 US 60/379045 2002-05-09 US		
其他公开文献	EP1451589A2		
外部链接	Espacenet		

摘要(译)

本发明涉及临床诊断测定，相关的光学生物盘和盘读取设备。本发明涉及使用光学生物盘分析系统进行免疫血液学测定的方法和装置。本发明还涉及用于进行免疫血液学测定的光学生物盘，其包括具有与其相关的编码信息的基质。编码信息可以由盘驱动器组件读取以控制盘的旋转。盘还可包括与基板相关联的至少一个目标区域或捕获区域。目标区域设置在相对于基板中心的预定位置。盘还包括固定在目标区内的捕获抗体，与目标区相关的流动通道，流体回路或分析室，以及与分析室流体连通的输入位点。

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to item	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 892 577 A (GORDON ET AL) 6 April 1999 (1999-04-06) * the whole document * * figures 1,3 * * column 5, line 9 - line 25 *	1-6, 24-37	INV. G01N33/567
X	US 4 687 638 A (BENAJAH ET AL) 18 August 1987 (1987-08-18) * the whole document * * claim 1 *	1-6, 24-37	
L.P. X	WO 02/059622 A (BURSTEIN TECHNOLOGIES, INC.) 1 August 2002 (2002-08-01) * the whole document * * claims 1-7 *	1-6, 24-37	
L.P. X	WO 02/42780 A (BURSTEIN TECHNOLOGIES, INC.) 30 May 2002 (2002-05-30) * the whole document *	1-6, 24-37	
<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p> <p>Place of search: The Hague Date of completion of the search: 27 January 2006 Inventor: Jenkins, G</p>			
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant to claim, alone Y: particularly relevant if combined with another document of the same category A: technological background D: non-relevant documents F: intermediate document</p>		<p>I: Theory or principle underlying the invention E: state-of-the-art documents, 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>	
TECHNICAL FIELD SEARCHED (IPC)			
G01N			