

**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
EP 03 78 5156

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	EP 0 881 495 A (NOKIA MOBILE PHONES LTD [FI] NOKIA CORP [FI]) 2 December 1998 (1998-12-02) * page 4, line 38 - line 39 * * page 5, line 57 - line 58 * * page 6, line 9 - line 11 *	1-3,5-7, 24	INV. A61B5/00
A	WO 01/72208 A (UNIV VIRGINIA [US]; KOVATCHEV BORIS P [US]; COX DANIEL J [US]) 4 October 2001 (2001-10-04) * page 6, line 24 - line 32 *	1-25	
A	SVENDSEN P A ET AL: "Glycosylated haemoglobin and steady-state mean blood glucose concentration in Type 1 (insulin-dependent) diabetes." DIABETOLOGIA NOV 1982, vol. 23, no. 5, November 1982 (1982-11), pages 403-405, XP002501229 ISSN: 0012-186X * abstract * * page 405, column 1, line 10 - line 15 *		TECHNICAL FIELDS SEARCHED (IPC)
A	ROHLFING CURT L ET AL: "Defining the relationship between plasma glucose and HbA(1c): analysis of glucose profiles and HbA(1c) in the Diabetes Control and Complications Trial." DIABETES CARE FEB 2002, vol. 25, no. 2, February 2002 (2002-02), pages 275-278, XP002501230 ISSN: 0149-5992 * abstract *		A61B
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 <b>The Hague</b>		Date of completion of the search <b>27 October 2008</b>	Examiner <b>Knüpling, Moritz</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></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 &amp; : member of the same patent family, corresponding document</p>			

## CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due 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 those claims for which no payment was due.

## 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:

☒ The present supplementary 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 (Rule 164 (1) EPC).

**LACK OF UNITY OF INVENTION**  
**SHEET B**

Application Number  
EP 03 78 5156

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: 1-25

Method, system and computer program product for evaluating  
HbA1c comprising validating BG data sample

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2. claims: 26-51

Method, system and computer program product for evaluating  
HbA1c comprising computing LGBI

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3. claims: 52-66

Method, system and computer program product for evaluating  
HbA1c comprising computing scale values

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27-10-2008

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0881495	A	02-12-1998	DE 69817446 D1 02-10-2003
			DE 69817446 T2 01-07-2004
			DK 881495 T3 08-12-2003
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			PL 357511 A1 26-07-2004
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专利名称(译)	用于处理自我监测血糖 ( SMBG ) 数据以增强糖尿病自我管理的方法，系统和计算机程序产品		
公开(公告)号	<a href="#">EP1534121A4</a>	公开(公告)日	2008-12-10
申请号	EP2003785156	申请日	2003-08-08
[标]申请(专利权)人(译)	弗吉尼亚大学专利基金会		
申请(专利权)人(译)	VIRGINIA专利大学基金会		
当前申请(专利权)人(译)	VIRGINIA专利大学基金会		
[标]发明人	KOVATCHEV BORIS P COX DANIEL J		
发明人	KOVATCHEV, BORIS, P. COX, DANIEL, J.		
IPC分类号	G01N33/66 A61B5/00 A61B5/145 A61B5/1455 A61B5/1459 A61B10/00 A61M5/00 G01N33/72		
CPC分类号	A61B5/7275 A61B5/14532 A61B5/14546 G16H10/60 G16H50/50		
优先权	60/402976 2002-08-13 US 60/478377 2003-06-13 US		
其他公开文献	EP1534121A2 EP1534121B1		
外部链接	<a href="#">Espacenet</a>		

## 摘要(译)

一种与维持最佳控制糖尿病有关的方法，系统和计算机程序产品，旨在预测糖尿病患者长期暴露于高血糖症以及严重或中度低血糖症的长期和短期风险，基于自我监测血糖设备收集的血糖读数。该方法，系统和计算机程序产品通过引入能够预测HbA1c和低血糖风险增加期的智能数据解释组件，直接涉及增强现有的家用血糖监测设备，并涉及新兴的连续监测设备具有相同的功能。通过这些预测，糖尿病患者可以采取预防措施与高血糖和低血糖相关的不良后果。

DOCUMENTS CONSIDERED TO BE RELEVANT			
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A	ROHLFING CURT L ET AL: "Defining the relationship between plasma glucose and HbA(1c): analysis of glucose profiles and HbA(1c) in the Diabetes Control and Complications Trial." DIABETES CARE FEB 2002, vol. 25, no. 2, February 2002 (2002-02), pages 275-278, XP002501230 ISSN: 0149-5992 * abstract *		
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 October 2008	Examiner Knüpling, Moritz
CATEGORY-CODED DOCUMENTS X : particularly relevant if taken alone Y : document of the same category A : Technological background P : prior written disclosure D : intermediate document I : theory or principle underlying the invention E : earlier patent document, but published on, or after, the filing date O : document cited in the application L : document cited for other reasons S : member of the same patent family, corresponding document			