

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
14 December 2006 (14.12.2006)

PCT

(10) International Publication Number  
WO 2006/133348 A3

- (51) International Patent Classification:  
A61B 5/00 (2006.01)
- (21) International Application Number:  
PCT/US2006/022254
- (22) International Filing Date: 8 June 2006 (08.06.2006)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/688,470 8 June 2005 (08.06.2005) US
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LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

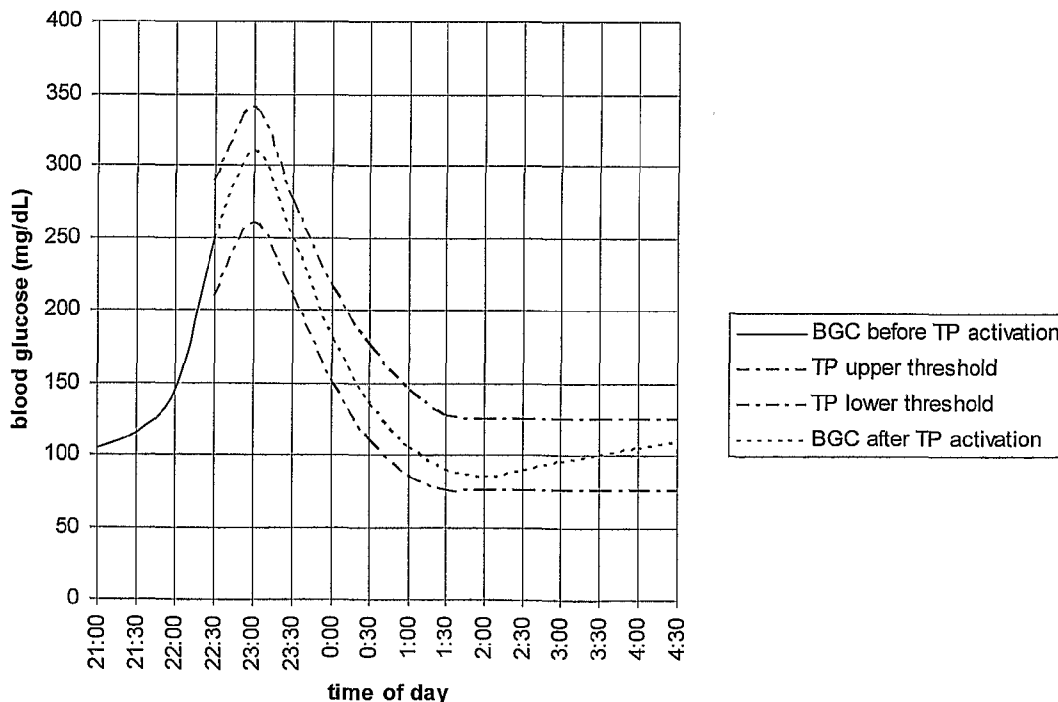
**Published:**

- with international search report

(88) Date of publication of the international search report:  
28 June 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FLUCTUATING BLOOD GLUCOSE NOTIFICATION THRESHOLD PROFILES AND METHODS OF USE



(57) Abstract: Embodiments of the present invention provide a new system and methods for monitoring blood glucose concentration. A user of a continuous glucose monitor may program upper and lower blood glucose notification thresholds to fluctuate over time in order to facilitate management of the short-term effects of food consumption, insulin delivery aberrations, physical activity, emotions, and unforeseen circumstances.

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**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US2006/022254

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
A61B C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/038332 A1 (SAIDARA FRANK [US] ET AL) 17 February 2005 (2005-02-17) abstract; figure 1A paragraphs [0022], [0030], [0068], [0090] - [0094], [0099], [0105], [0115], [0117], [0119], [0138], [0182], [0183], [0185]	1-36
X	US 2003/125612 A1 (FOX JAMES KELLY [US] ET AL) 3 July 2003 (2003-07-03)  abstract paragraphs [0014], [0022], [0023], [0010] - [0071], [0086], [0088], [0102], [0107], [0108]	1-4, 7, 8, 13-16, 19, 20, 25-28, 31, 32

Further documents are listed in the continuation of Box C.       See patent family annex.

- \* Special categories of cited documents :
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|---|---|
| *A* document defining the general state of the art which is not considered to be of particular relevance  | *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention   |
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| *P* document published prior to the international filing date but later than the priority date claimed  |   |

Date of the actual completion of the international search  20 March 2007	Date of mailing of the international search report  30/03/2007
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Schwenke, Stephanie
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## INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2006/022254

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2003/137423 A1 (AL-ALI AMMAR [US]) 24 July 2003 (2003-07-24)</p> <p>abstract; figure 6A paragraphs [0004], [0021], [0022], [0027]</p>	<p>1-3,7, 13,14, 16,25, 26,28</p>
A	<p>US 2003/108976 A1 (BRAIG JAMES R [US] ET AL) 12 June 2003 (2003-06-12)</p> <p>abstract paragraphs [0007], [0012], [0014], [0017]</p>	<p>1,13,25</p>
A	<p>US 2005/090726 A1 (ACKERMAN NEIL [US]) 28 April 2005 (2005-04-28)</p> <p>abstract paragraphs [0008], [0010]</p>	<p>1,13,25</p>

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Information on patent family members

International application No PCT/US2006/022254
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US 2003125612	A1	03-07-2003	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">AU</td> <td style="width: 25%;">2002360634</td> <td style="width: 10%;">A1</td> <td style="width: 40%;">24-07-2003</td> </tr> <tr> <td>EP</td> <td>1460931</td> <td>A2</td> <td>29-09-2004</td> </tr> <tr> <td>WO</td> <td>03057027</td> <td>A2</td> <td>17-07-2003</td> </tr> <tr> <td>US</td> <td>2005027182</td> <td>A1</td> <td>03-02-2005</td> </tr> <tr> <td>US</td> <td>2005113653</td> <td>A1</td> <td>26-05-2005</td> </tr> <tr> <td>US</td> <td>2005096511</td> <td>A1</td> <td>05-05-2005</td> </tr> <tr> <td>US</td> <td>2005096512</td> <td>A1</td> <td>05-05-2005</td> </tr> </table>	AU	2002360634	A1	24-07-2003	EP	1460931	A2	29-09-2004	WO	03057027	A2	17-07-2003	US	2005027182	A1	03-02-2005	US	2005113653	A1	26-05-2005	US	2005096511	A1	05-05-2005	US	2005096512	A1	05-05-2005
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