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(54) Title: METHOD AND SYSTEM FOR PROVIDING CONTEXTUAL BASED MEDICATION DOSAGE DETERMINATION

(57) Abstract: Methods and devices for statistical determination of medication dosage level such as bolus amount based on contextual information are provided.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC(8) - G06Q 50/00; G06F 19/00 (2008.04)
 USPC - 705/2, 3
 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)
 USPC: 705/2, 3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 USPC: (see also text search below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Electronic Databases Searched: pubWEST, USPTO, Google, Answers.com, Google Patents
 Search Terms Used: medication, level, glucose, carbohydrate, bolus, database, computer, analyte, monitor, meter, housing, time, infusion, device, physiological, parameter, database, analysis, past, correct, basal, dose, sensitivity, target

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0277912 A1 (JOHN) 15 December 2005 (15.12.2005) para [0064], [0066]-[0067], [0072]-[0073], [0076], [0078], [0089], [0092], [0095], [0118], [0140], [0144], [0146], [0153] and [0196]	1-21A, 21B-29
Y	US 2005/0049179 A1 (DAVIDSON et al.) 03 March 2005 (03.03.2005) para [0016], [0018], [0020], [0046]-[0047], [0049], [0051], [0079], [0086], [0118], [0123], [0137], [0143], [0145], [0155], [0165], [0175], [0215], [0465], [0496] and [0506]	1-21A, 21B-29
A	US 2006/0031094 A1 (COHEN et al.) 09 February 2006 (09.02.2006)	1-21A, 21B-29
A	US 2005/0038680 A1 (MCMAHON) 17 February 2005 (17.02.2005)	1-21A, 21B-29
A	US 2005/0038674 A1 (BRAIG et al.) 17 February 2005 (17.02.2005)	1-21A, 21B-29

Further documents are listed in the continuation of Box C.

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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
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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