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[Continued on next page]

(54) Title: METHODS FOR MONITORING EXPOSURE TO AN EVENT AND DEVICES THEREOF

(57) Abstract: A method, non-transitory computer readable medium, and apparatus that includes obtaining, by a dosimetry computing device, sensor readings from at least one sensor. An event is identified, by the dosimetry computing device, based on at least one of one or more of the obtained sensor readings or one or more determinations based on the obtained sensor readings meeting one or more selection. At least one of the one or more determinations or the sensor readings which meet one or more of the selection criteria when the event is identified is stored by the dosimetry computing device.

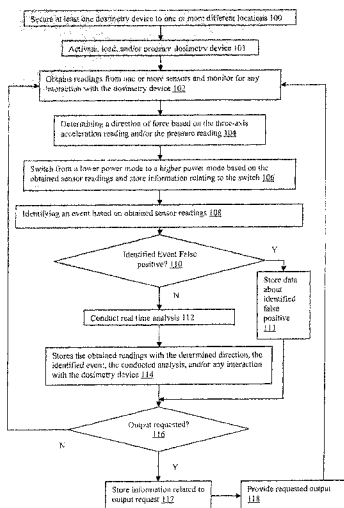


FIG. 2

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8 November 2012

## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2012/026625****A. CLASSIFICATION OF SUBJECT MATTER****A61B 6/00(2006.01)i, G01T 7/00(2006.01)i**

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 6/00; G01T 1/02; G04F 1/00; A01K 37/00; A61B 5/103; A61B 5/00

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords: dosimetry, sensor, exposure, event

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 7627451 B2 (VOCK CURTIS A. et al.) 01 December 2009 See column 17, line 25 - line 40, column 28, line 43 - line 53, and figure 1.	1-75
A	US 7335168 B2 (GEOFFREY B. RUGG) 26 February 2008 See abstract, column 13, line 29 - line 38, column 13, line 58 - line 64, and figure 1.	1-75
A	US 6285031 B1 (LISTL; CARL A. et al.) 04 September 2001 See column 6, line 58 - line 59, claim 1, and figure 1.	1-75
A	US 6887202 B2 (JOHN F. CURRIE et al.) 03 May 2005 See column 6, line 48 - line 49, and claim 1.	1-75

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

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"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

"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

"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

"&amp;" document member of the same patent family

Date of the actual completion of the international search

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Information on patent family members

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