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(72) Inventor; and

(75) Inventor/Applicant (for US only): **SHAUL, David** [IL/IL]; 68 Har Tavor Street, 44539 Kfar Saba (IL).(74) Agents: **LUZZATTO & LUZZATTO** et al.; P.O. Box 5352, 84152 Beer Sheva (IL).

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(54) Title: A SYSTEM AND METHOD OF ONLINE RADIATION MANAGEMENT AND CONTROL OF NON-IONIZING RADIATION SOURCES

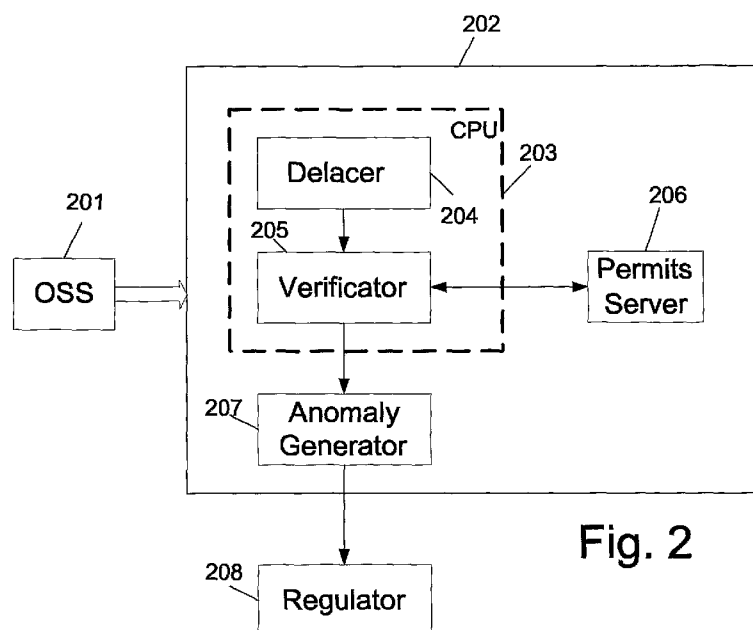


Fig. 2

(57) Abstract: A computerized system for continuously monitoring the radiation coming from one or more radiation sources in a site, comprising: (a) a processing unit, for comparing radiation related data with regulation operational permits of the radiation sources, wherein the processing unit receives data files from the radiation sources and extracts from them the radiation related data; (b) a permits server for providing the regulation operational permits to the processing unit, wherein the permits server is connected to the processing unit; (c) an anomaly generator for receiving the compared radiated data from the processing unit, and generating an anomaly data file; wherein the anomaly file is utilized for managing and controlling the radiation sources, and detecting radiation anomaly in the site.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL 10/00789

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/18 (2011.01), G21C 17/00 (2011.01)

USPC - 702/180

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: 702/180

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

USPC: 702/1, 81, 84, 127, 179, 180; 250/250, 580, 336.1, 340; 73/23.2, 24.02; 700/1, 90, 108, 117, 143, 205; 705/1.1, 7, 8; 926/DIG207

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

PubWEST(USPT,PGPB,EPAB,JPAB); Google

Search Terms: radiation, ionizing, base, tower, transmitter, detect, monitor, cellular, mobile, wireless, telecommunication

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/0205891 A1 (Spencer et al.) 06 September 2007 (06.09.2007), para [0013], [0014], [0035]-[0037]	1-16
Y	US 2004/0121807 A1 (Delbreil et al.) 24 June 2004 (24.06.2004), para [0009], [0012], [0014], [0023], [0030]-[0032]	1-16
Y	US 2001/0000191 A1 (Barkan et al.) 05 April 2001 (05.04.2001), para [0019]-[0021]	1-16
A	US 2003/0064721 A1 (Veyssset et al.) 03 April 2003 (03.04.2003), entire document	1-16

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"&" document member of the same patent family

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Authorized officer:

Lee W. Young

PCT Helpdesk: 571-272-4300

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