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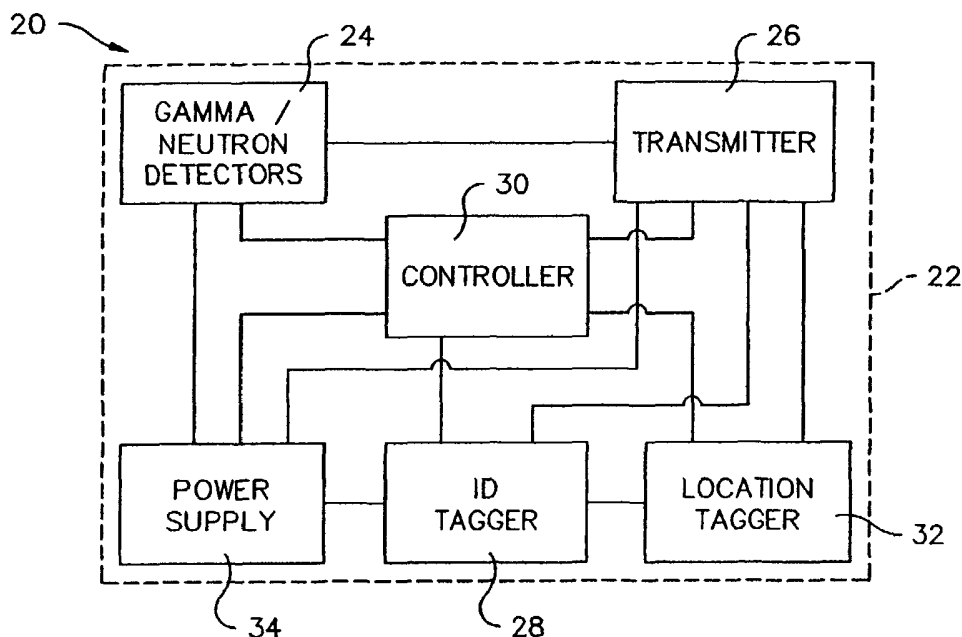
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- (54) Title: METHOD AND APPARATUS FOR DETECTION OF RADIOACTIVE MATERIAL



- (57) Abstract:** A radioactive material detection apparatus (20) includes a transmitter (26), a radiation sensor (24) and a controller (30). The transmitter (26) is capable of transmitting information in correspondence with a signal. The radiation sensor (24) has a sensor output and is configured to detect radiation over a predetermined period of time. The controller (30) is configured to receive the sensor output from the radiation sensor (24) and to send the signal to the transmitter (26) for transmission.



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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/18572

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G08B 13/14
US CL : 340/572.1

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)
U.S. : 340/572.1, .4, .7, 825.49, .72, 539; 376/159, 158, 189; 250/390.04, 296.6, 358.1

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 practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,982,838 A (VOURVOPOULOS) 09 November 1999, figs.1,9-10, col.2, lines 5-37, col.3, line 14 to col.4, line 20, col.5, line 21 to col.6, line 40 & col.7, line 65 to col.8, line 14.	1, 5, 8-11 & 17-23
Y	US 4,663,625 A (YEWEN) 05 May 1987, figs1-3, col.2, lines 34-54, col.3, line 64 to col.4, line 68.	2-3, 6-7, 12-16, 24-47
Y	US 6,031,454 A (LOVEJOY et al.) 29 February 2000, col.8, line 59 to col.9, line 15.	4

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
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Continuation of B. FIELDS SEARCHED Item 3:

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