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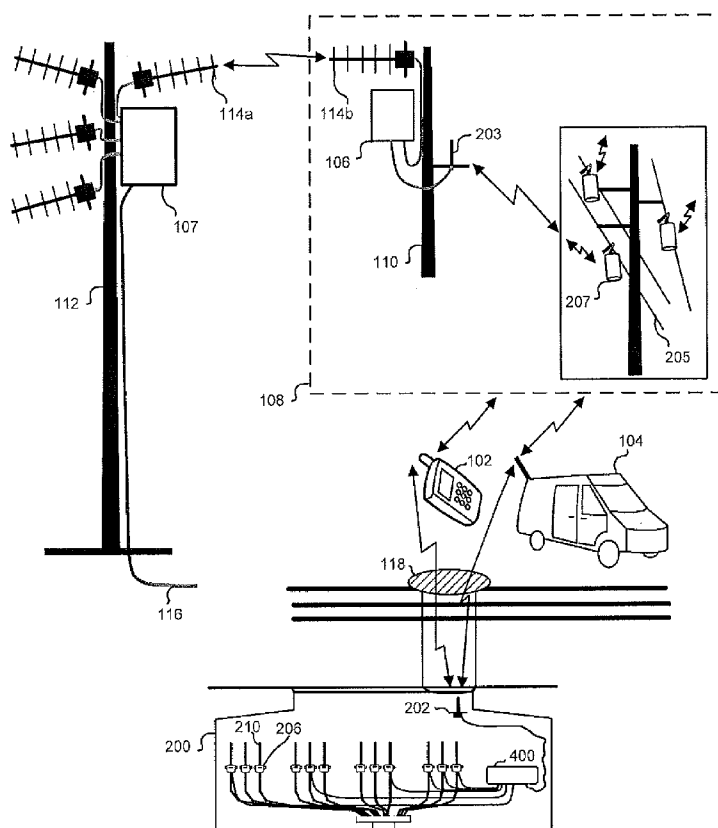
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[Continued on next page]

(54) Title: FAULTED CIRCUIT INDICATOR MONITORING DEVICE WITH WIRELESS MEMORY MONITOR



(57) Abstract: A wireless communications system for viewing and modifying memory locations within a power system device includes a wireless device and a power system device. The wireless device includes a user input which accepts a memory location the user wishes to view, a first radio frequency transmitter for transmitting a first signal including the memory location within the power system device the user selected, and a first radio frequency receiver for receiving a second signal. The power system device includes a randomly accessible memory location and a processor coupled to the memory location, a second radio frequency receiver coupled to the processor and a second radio frequency transmitter coupled to the processor for receiving the first signal. The processor retrieves the value of the memory location included within the first signal and activates the second radio frequency transmitter to transmit a second signal including the value of the memory location.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G01R 31/00 (2007.10)

USPC - 324/500

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)

IPC(8) - G01R 31/00 (2007.10)

USPC - 324/500

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

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USPC - 324/500, 76.11; 361/1

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

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

Search Terms: power system, fault, wireless, receiver, transmitter, radio frequency or RF, memory, processor

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2005/0151659 A1 (Donovan et al.) 14 July 2005 (14.07.2005) , entire document, especially para. [0007], [0008], [0011], [0016], [0018].	1, 2, 4, 5, 17, 22
Y	US 6,980,091 B2 (White, II et al.) 27 December 2005 (27.12.2005) , entire document, especially FIG. 6b and 9	3, 6-16, 18-21, 23-26
A	US 6,766,143 B1 (Beckwith) 20 July 2004 (20.07.2004), entire document, especially FIG. 5 and 6, col. 9, ln 64 to col. 10, ln. 11.	3, 6-16, 18-21, 23-26
A	US 2006/0077609 A1 (Bender et al.) 13 April 2006 (13.04.2006), entire document, especially FIG. 2 and para. [0067], [0072], [0075].	1-26
		1-26

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"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

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