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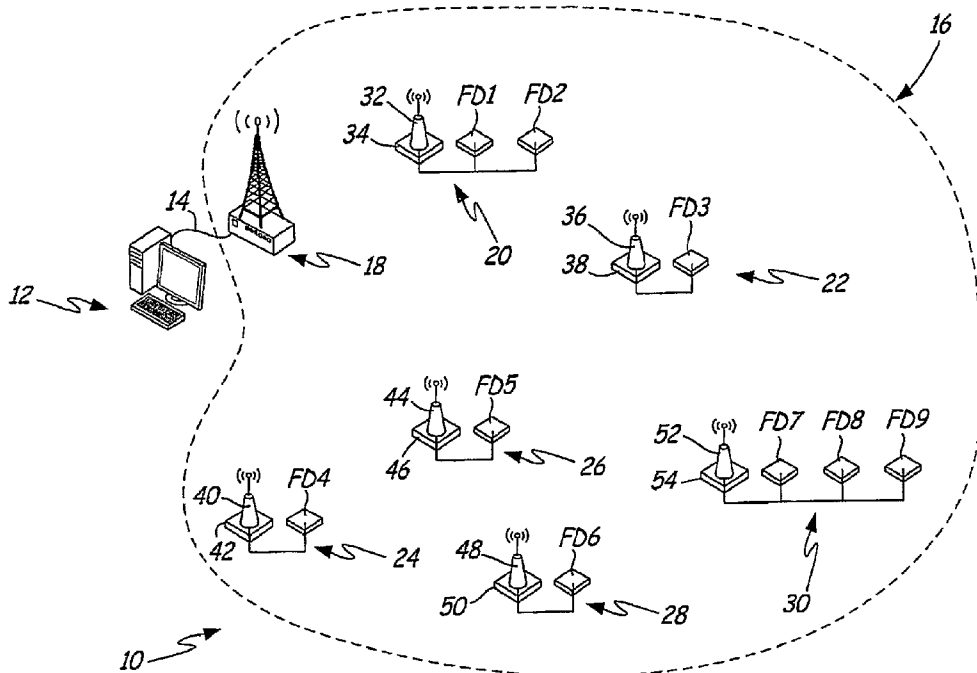
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[Continued on next page]

(54) Title: SELECTIVE ACTIVATION OF FIELD DEVICES IN LOW POWER WIRELESS MESH NETWORKS



(57) Abstract: A control system uses a wireless network to provided communication between a host computer and field devices. The field devices are normally maintained in a lower power or sleep state. Only field devices that will be involved in a communication with the host computer are turned On and maintained On until communication between the field devices and the host computer is completed.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G08B 1/08 (2007.01)

USPC - 340/539.3

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)

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USPC - 340/539.3, 875.47; 710/18; 718/105; 709/224

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)

PatBase, MicroPatent

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,374,311 B1 (MAHANY et al) 16 April 2002 (16.04.2002) entire document	1-17
A	US 6,859,831 B1 (GELVIN et al) 22 February 2005 (22.02.2005) entire document	1-17
A	US 2005/0149940 A1 (CALINESCU et al) 07 July 2005 (07.07.2005) entire document	1-17

 Further documents are listed in the continuation of Box C.

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"&" document member of the same patent family

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