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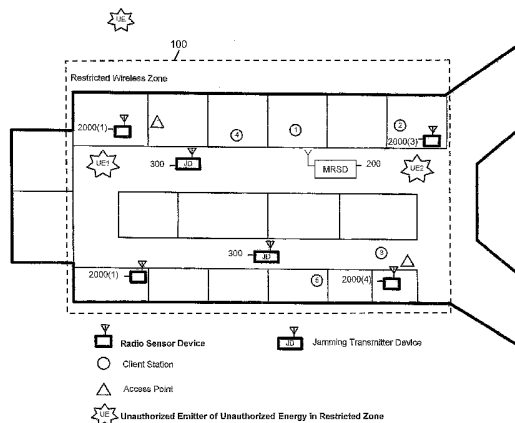
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR MONITORING AND ENFORCING A RESTRICTED WIRELESS ZONE



(57) Abstract: Monitoring for unauthorized RF energy emitted or transmitted in a particular zone or portion of a building, etc. Radio frequency energy is received in a region that encompasses a zone in which it is desired to monitor for unauthorized radio frequency energy. At least one characteristic of the received radio frequency energy is analyzed to determine whether unauthorized radio frequency energy is occurring in the zone. Unauthorized RF energy may be detected by analyzing at least one spectral characteristic of the received radio frequency energy and comparing the at least one spectral characteristic with data associated with authorized and/or unauthorized radio frequency energy. Alternatively, signal classification techniques can be applied to data derived from the received radio frequency energy to classify by type signals contained in the received radio frequency energy. Certain signal types may be designated as unauthorized in a particular restricted zone and the results of the signal classification analysis is compared with data for authorized and/or unauthorized signal types.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G08B 21/00
US CL : 340/540,539.21,539.22,536,539.13; 375/340,259,224; 455/424,456.1

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. : 340/540,539.21,539.22,536,539.13; 375/340,259,224; 455/424,456.1

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,754,488 B1 (WON ET AL.) 22 JUNE 2004, COL. 6, LINES 7-16.	1, 26, 39
Y	US 5,870,672 A (STODDARD ET AL.) 09 FEBRUARY 1999; COL. 5, LINES 24-65.	2-25,27-38,40-46
Y	US 4,501,020 A (WAKEMAN) 19 FEBRUARY 1985; COL. 6, LINES 9-54.	2-25,27-38,40-46
Y	US 5,956,635 A (HOOGERWERF ET AL.) 21 SEPTEMBER 1999; COL. 5, LINES 1-46.	2-25,27-38,40-46
Y	US 6,714,605 B2 (SUGAR ET AL.) 30 MARCH 2004, COL. 22, LINES 14-66.	2-25,27-38,40-46

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

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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