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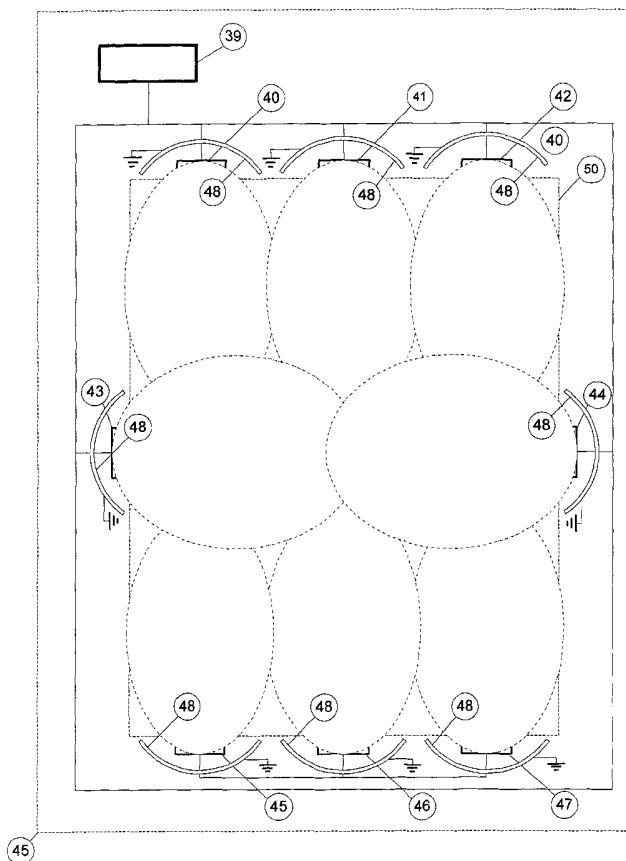
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM FOR DEFINING AND MAINTAINING AN EXCLUSION AREA, WHEREIN THE USAGE OF CELLULAR TELEPHONES IS RESTRICTED



(57) Abstract: A system for defining and maintaining an exclusion area (50) is presented, wherein the usage of cellular telephones is restricted, e.g. in a prison. The system comprises a base station and an associated computing system. The base station uses a network of directive antennas (40 to 47) in order to fit the coverage area to the particular exclusion area (50). The computing system performs the task of monitoring the cellular telephones inside the exclusion area (50) and also their entries and exits in and out of the exclusion area (50), respectively. Furthermore, the computing system intercepts all calls originating or terminating in the exclusion area (50) in order to control the usage of the cellular telephones located in said area. The computing system comprises: a first database storing the identities of the cellular telephones actually residing in the exclusion area (50); a second database storing the identities of the cellular telephones that have the permission of unconditionally making and receiving calls inside the exclusion area (50); a third database storing the details of calls completed in said exclusion area (50); and an audible response unit for sending audible messages to the cellular telephones of users inside the exclusion area (50).

INTERNATIONAL SEARCH REPORT

International application No.
PCT/BR 02/00117

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H04Q 7/38

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)

IPC⁷: H04Q

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)

WPI, EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2353921 A (SIEMENS AKTIENGESELLSCHAFT) 7 March 2001 (07.03.01) <i>abstract; fig. 1; page 2, line 22 - page 6, line 23; page 7, line 24 - page 9, line 2.</i>	1-7,10,11, 13-16,18
A		8,9,12,17
X	WO 95/24809 A1 (MOTOROLA, INC.) 14 September 1995 (14.09.95) <i>abstract; figs. 1, 2; page 3, lines 6-24; page 4, line 3 - page 5, line 33; page 6, lines 6-21.</i>	1-7,9,10,13, 14,18
A	WO 99/07167 A1 (TELEFONAKTIEBOLAGET LM ERICSSON) 11 February 1999 (11.02.99) <i>abstract, figs. 1A, 1B, 2A, 2B; page 3, line 27 - page 4, line 35.</i>	1-18
A	WO 99/55102 A1 (NETLINE COMMUNICATIONS TECHNOLOGIES (NCT) LTD.) 28 October 1999 (28.10.99) <i>abstract, figs. 2,5; page 3, line 7 - page 4, line 14; page 16, lines 4-26.</i>	1-18

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

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
XP	US 2001/0036821 A1 (GAINSBORO, J.L.) 1 November 2001 (01.11.01) <i>abstract, figs. 3,5,6; paragraphs [0024], [0040], [0041], [0056], [0057], [0062] - [0065].</i> -----	1-7,10-12,14, 16-18

INTERNATIONAL SEARCH REPORT T

Information on patent family members

International application No.

PCT/BR 02/00117-0

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