METHOD AND APPARATUS FOR SECURITY IN A WIRELESS NETWORK

The present invention relates to an apparatus and method for preventing unauthorized users from gaining access to a wireless network. A processor allows only data transmissions from the directions of the authorized users to access the network. Data transmissions from other directions are not allowed to access the network. The present invention also relates to a method and apparatus for transmitting information only in selected directions, while in directions not selected, information cannot be inferred from the transmitted signal or signals.
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC: H04M 1/66 (2006.01); H04B 7/216 (2006.01)

USPC: 455/410,411;370/335
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.: 455/410,411;370/335

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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</table>

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

* Special categories of cited documents:
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