Title: METHOD AND SYSTEM FOR PLUG AND PLAY INSTALLATION OF NETWORK ENTITIES IN A MOBILE WIRELESS INTERNET

Abstract: A system and method are provided for adding network entities and appliances to a mobile wireless Internet. A graphical user interface on a user appliance or network entity is used to start a plug and play process. In the plug and play process a temporary IP address is assigned to the entity or appliance. The temporary address is tested for uniqueness. A search mechanism identifies and contacts a plug server that uses information from the user/operator to authenticate the user and/or validate subscription information. Upon authentication or validation the plug server dispatches an inspector agent to determine the software needs of the new entity or appliance. The plug server obtains the requested software from the software inventory and the inspector agent downloads the software onto the new entity or appliance and installs it therein. The element then uses the DRCP/DHCP client to obtain a new IP address. Link layer and topology information are selected and downloaded to the entity or appliance and the unit is plugged into the network for mobile wireless Internet access.


Published: with international search report 4 June 2009


INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC: G06F 15/177 (2006.01)

USPC: 709/220

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.: 709/220

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)

EAST database

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>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 6,757,723 B1 (OTTOLE et al.) 29 June 2004, see cols.8-9 and abstract.</td>
<td>1-2,4,6-8,11 and 14-15</td>
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

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Date of mailing of the international search report
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