Title: POWER LINE COMMUNICATIONS MODULE AND METHOD

Abstract: A device and method for communicating user data and utility metrology data over a power line is provided. In one embodiment, the method includes measuring a utility parameter to provide the utility data; storing the utility data in memory; transmitting the utility data over the power line; receiving first data via the power line from a first device; and transmitting the first data over the power line to a second device. In addition, the method may include receiving the first data and transmitting the first data with different encryption keys and also determining if the first data includes control data.
**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US07/61Q23

A CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G08B 1/08(2007.01 )
USPC - 340/538

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)
IPC(8) - G08B 1/08 (2007.01 )
USPC - 340/538

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)
MicroPatent

C DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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<tr>
<td>X</td>
<td>US 2005/0033534 A1 (VILICANA et al) 10 February 2005 (10 02 2005) entire document</td>
<td>1, 2, 4, 5, 9-11, 13-16, 21, 22, 26</td>
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Date of the actual completion of the international search  
19 October 2007

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