Title: METHOD AND SYSTEM FOR OPTIMIZING POWER RESOURCES IN WIRELESS DEVICES

Abstract: A method and system is disclosed for a device to quickly determine if data is being sent to it. If no data is being sent to the device, the device may return to a sleep mode so as to conserve energy. The present invention includes organizing and transmitting, one at a time, all device destination identifiers (14). If a message listing (10) search indicates that no message is being sent for a device, the device can continue with any other activity that needs servicing, or if no other activity is pending, it may shut down to conserve power until the next wake up period arrives. If the search returns a positive indication, the count value (12) when the identifier is found can be used to determine the location of the pointer (16) to the message.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: H04Q 7/00, 7/20
   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)

   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>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 6,044,069 A (WAN) 28 MARCH 2000 (28.03.2000), col. 1, line 65 to col. 5, line 32.</td>
<td>1-11</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,198,913 B1 (SUNG ET AL) 06 MARCH 2001 (06.03.01), col. 2, lines 1-55.</td>
<td>1-11</td>
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<td>Y</td>
<td>US 6,215,778 B1 (LOMP ET AL) 10 APRIL 2001 (10.04.01), col. 4, line 66 to col. 7, line 36.</td>
<td>1-11</td>
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"&" document member of the same patent family

Date of the actual completion of the international search
09 August 2003 (09.08.03)

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703)305-3230

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Authorized officer
JEAN A. GELIN

Telephone No. (703)305-4847

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