Abstract: The system (35) employs full transceivers, each having peer-to-peer, client/server, and IP networking capabilities, and and covering open-area ranges of up to 100 feet. The system (35) uses Low Frequency for data communications so it can achieve both low cost (less costly than many RF-ID tags) and long battery life (10-15 years). Additionally, since these tags (56) have batteries, static RAM may be added at very low cost, as well as sensors, LED's displays etc.
Published: with international search report
INTERNATIONAL SEARCH REPORT
PCT/IB06/54829

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: H04Q 5/22(2006.01); H04B 7/00(2006.01); G06F 3/00(2006.01); G06K 7/00(2006.01)
   USPC: 340/10.1; 455/500; 719/313; 235/435
   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.: 340/10.1; 455/500; 719/313; 235/435

   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: Search Terms: Rubee tags with network router; tag IP addresses/subnet;

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 5,936,527 A (ISAACMAN et al.) 10 August 1999 (10.08.1999), column 2 lines 38 to 53.</td>
<td>1-6</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,259,367 B1 (KLEIN) 10 July 2001 (10.07.2001) column 6 line 26 to column 7 line 12.</td>
<td>1-6</td>
</tr>
</tbody>
</table>

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

* Special categories of cited documents:
  "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search: 24 July 2008 (24.07.2008)
Date of mailing of the international search report: 25 AUG 2008

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