Abstract: A system for monitoring and managing the energy consumption of designated devices or services obtains the point-of-use energy consumption of the designated devices or services and collects this consumption information in various formats as data. The collected data may be analyzed for peak load analysis and load shedding recommendations, among other analyses. The data may be displayed on a user interface to an energy consumer in various formats that permit the consumer to make decisions and take actions based on the displayed data or the analysis. The data may be displayed in real-time format so that the consumer may observe the instant energy consumption of a particular device. The consumer may also view a device’s energy consumption to-date over a predetermined period of time. The consumer may also take an action through the system to reduce the consumer’s overall energy consumption.
INTERNATIONAL SEARCH REPORT

PCT/ISA/210 (second sheet) (My 2009)

A. CLASSIFICATION OF SUBJECT MATTER

G08C 17/02(2006.01)i, G08C 19/00(2006.01)i

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)

G08C 17/02, GOIR 11/32, G06F 17/30, G06Q 50/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models
Japanese utility models and applications for utility models
(Chinese Patents and application for patent)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords "energy, consumption, monitor*, track*, manage*, sensor"

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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<td>US 7356548 BI (Charles H. Culp et al.) 08 April 2008 See the Abstract, Fig 1, Claim 1</td>
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<td>A</td>
<td>KR 10-2003-0064516 A (SK CORPORATION) 02 August 2003 See the Abstract, Fig 1</td>
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<td>A</td>
<td>KR 10-0681538 BI (CHA. SEUNG TAE et al.) 09 February 2007 See the Abstract, Fig 1, Claim 1</td>
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* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
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"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
28 APRIL 2010 (28 04 2010)

Date of mailing of the international search report
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Name and mailing address of the ISA/KR
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Facsimile No 82-42-472-7140

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Jang Seok Hwan
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<td>KR 10-2003-0064516 A</td>
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