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(54) Title: POWER OUTAGE NOTIFICATION

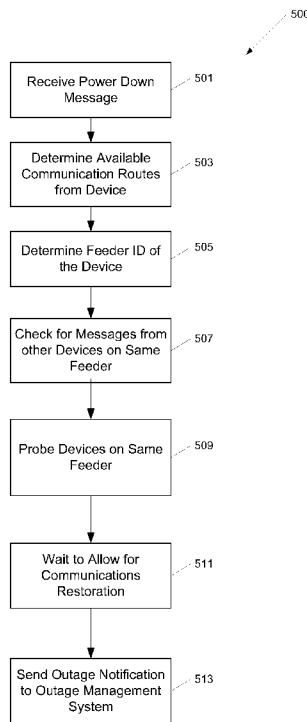


FIG. 5

(57) Abstract: The present invention includes a method and a computer-implemented system for detecting power outage. In particular, the method comprises receiving a message from a device, determining a feeder associated with the device, evaluating message received from a first plurality of devices connected to the feeder, probing a second plurality of devices connected to the feeder and determining a power outage of the device. Also, the invention includes a device and a method for reporting power outage. In particular, the device comprises a power-monitoring module for sensing a loss of power, a communication module for communicating the loss of power via a network.



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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G01R 22/06; G05D 3/12; G06F 19/00; G01R 25/00; H02H 3/34; G06F 17/30; H02J 9/00; G06Q 10/00; G01R 21/00; G01R 19/165

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: power outage, power loss, network

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2010-0060259 A1 (RAJ VASWANI et al.) 11 March 2010 See abstract, claims 1-26 and figures 1-5	1-25
Y	US 2008-0183339 A1 (RAJ VASWANI et al.) 31 July 2008 See abstract, claims 1-104 and figures 1-7	1-25
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A	US 2009-0240449 A1 (JEFFREY A. GIBALA et al.) 24 September 2009 See abstract, claims 1-20 and figures 1-3	1-25
A	US 2008-0313006 A1 (BRADLEY JAY WITTER et al.) 18 December 2008 See abstract, claims 1-100 and figure 1	1-25
A	JP 08-172719 A (SUMITOMO ELECTRIC IND., LTD.) 02 July 1996 See abstract and claims 1-2	1-25

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

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Information on patent family members

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