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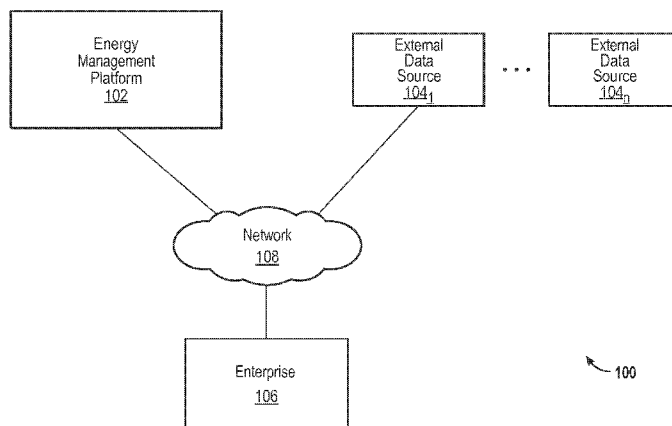
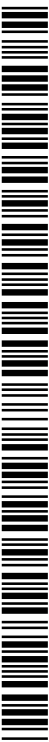


FIGURE 1

(57) Abstract: Processing of data relating to energy usage. First data relating to energy usage is loaded for analysis by an energy management platform. Second data relating to energy usage is stream processed by the energy management platform. Third data relating to energy usage is batch parallel processed by the energy management platform. Additional computing resources, owned by a third party separate from an entity that owns the computer system that supports the energy management platform, are provisioned based on increasing computing demand. Existing computing resources owned by the third party are released based on decreasing computing demand.



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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(8) - G06F 1/26, G06Q 50/06, G01R 21/00, G05F 5/00 (2014.01) USPC - 702/61, 702/62, 705/412		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched CPC - G01D 4/008, G01R 19/2513, G05B 23/0221 (2014.11) (keyword delimited)		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PatBase, Google Patents, Google Scholar, Proquest Dissertations & Theses: The Sciences and Engineering Collection; ProQuest Technology Collection Search terms used: energy, usage, analysis, relational database, normalizing		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2010/0070217 A1 (SHIMADA et al) 18 March 2010 (18.03.2010) entire document	1-20
Y	US 2011/0252426 A1 (ANTANI et al) 13 October 2011 (13.10.2011) entire document	1-20
Y	US 8,442,917 B1 (BURKE) 14 May 2013 (14.05.2013) entire document	2-18
A	US 2010/0274602 A1 (KAUFMAN et al) 28 October 2010 (28.10.2010) entire document	1-20
A	US 2012/0310559 A1 (TAFT) 06 December 2012 (06.12.2012) entire document	1-20
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