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(54) Title: SMART CONTAINER INVENTORY MANAGEMENT SYSTEM

(57) Abstract: Examples of the disclosure provide systems and methods for inventory management using smart containers. A computing system obtains, by a smart container component implemented on the computing system, sensor data from a set of sensors associated with a smart container. The computing system identifies an inventory status for the smart container using the obtained sensor data and determines whether to initiate inventory actions for the smart container based on the identified inventory status and a set of rules associated with the smart container.

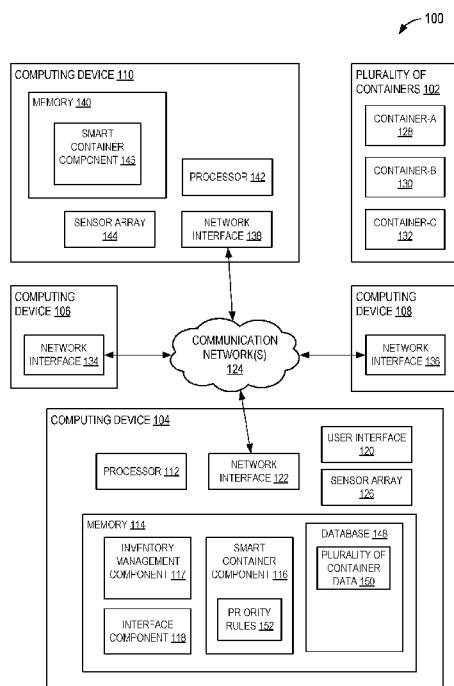


FIG. 1



## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06Q 10/00 (2019.01) CPC - G06Q 10/087, G06Q 20/203, G06Q 10/08, G06Q 10/0875, G06Q 10/06, G06Q 20/203, G06Q 10/08, G06Q 30/06, G06Q 20/202, G07F 9/026, G07F 17/0092, G06F 19/3462, G07F 11/002												
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) See Search History Document												
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C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X	US 2014/0316561 A1 (Pantry) 23 October 2014 (23.10.2014), entire document, especially, paras [0010]-[0012], [0018]-[0019], [0024]-[0026], [0031], [0048], [0060], [0064]-[0067], [0072]-[0075], [0095].	1-20										
A	US 2017/0300856 A1 (Wal-mart Stores, Inc.) 19 October 2017 (19.10.2017), entire document.	1-20										
A	US 2015/0170059 A1 (Xerox Corporation) 18 June 2015 (18.06.2015), entire document.	1-20										
A	US 2017/0301003 A1 (Cinsay, Inc.) 19 October 2017 (19.10.2017), entire document.	1-20										
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