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(54) **PRODUCT AVAILABILITY CHECK USING IMAGE PROCESSING**

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CPC ..... **G06Q 10/087** (2013.01); **G06F 17/27** (2013.01)

(58) **Field of Classification Search**  
CPC combination set(s) only.  
See application file for complete search history.

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(57) **ABSTRACT**

A server for monitoring product availability at a retailer of products provided by a distributor is disclosed. The method includes storing a product list that defines products the distributor provides to the retailer, receiving a current document image that represents products currently sold by the retailer, performing a text recognition process on the current document image, accessing text of a previously dated document image associated with the retailer, detecting differences between the document images, determining whether one or more of said differences pertain to the product list, and if so, then assigning an accuracy value to said one or more differences, and if the accuracy value is greater than a predefined threshold, transmitting an alert to a user, wherein the alert includes a text of one or more differences.

**18 Claims, 4 Drawing Sheets**

