

Title (en)
SEMI-AUTOMATIC CHECK-OUT SYSTEM AND METHOD

Title (de)
HALBAUTOMATISCHES CHECKOUT-SYSTEM UND -VERFAHREN

Title (fr)
SYSTÈME ET PROCÉDÉ D'ENCAISSEMENT SEMI-AUTOMATIQUE

Publication
EP 2756455 A1 20140723 (EN)

Application
EP 12783346 A 20120913

Priority
• EP 11181061 A 20110913
• NL 2012050644 W 20120913
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Abstract (en)
[origin: EP2570967A1] Checking out a tray with a plurality of products, for example in a restaurant, is performed using an image acquisition terminal and a check out terminal between which the tray is transported by a user. The method comprises capturing an image of the products on the tray at the image acquisition terminal and associating the image with an identifier on a portable token at the image acquisition terminal. The image is stored in a storage system in association with the identifier. A product type recognition algorithm is applied to the image, the product recognition algorithm identifying respective areas in the image and types of products that are recognized in the respective areas. When the tray is received at the check out terminal after the transport by the user, the identifier is read from the token at the check out terminal, the stored image is retrieved on the basis of the identifier and the retrieved image is displayed at the check out terminal, combined with information derived from the recognized type of products in association with the respective areas in the image. An aggregate result is computed based on a combination of all the products recognized in the image and the tray is checked out from the check-out terminal based on the aggregate result and a comparison of the tray at the check-out terminal with the displayed image.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2013039393A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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