

Title (en)
AUTOMATIC VENDING MACHINE

Title (de)
VERKAUFSAUTOMAT

Title (fr)
DISTRIBUTEUR AUTOMATIQUE

Publication
EP 2587460 A4 20150513 (EN)

Application
EP 10853669 A 20100625

Priority
JP 2010060837 W 20100625

Abstract (en)
[origin: EP2587460A1] Provided is an automatic vending machine including a product rack 20 having a plurality of product storage columns 21 juxtaposed in a horizontal direction, and a bucket 40 arranged so as to be movable in a front area of the product rack 20, the automatic vending machine further including a controller 60 which, upon selection of a product, moves the bucket 40 positioned at a standby position and arranges the bucket 40 so as to oppose a target product storage column 21 and, after the bucket 40 receives the product, moves the bucket 40 to a relay position I and then causes the bucket 40 to perform a downward delivery movement, wherein when the selected product is stored in a product storage column 21 set in advance, the controller 60 causes the bucket 40 positioned at the standby position to pass through a via position III set to a right-hand side of the relay position I and then arranges the bucket 40 so as to oppose the product storage column 21.

IPC 8 full level
G07F 11/00 (2006.01); **G07F 11/04** (2006.01)

CPC (source: EP US)
G07F 11/04 (2013.01 - EP); **G07F 11/165** (2013.01 - EP US); **G07F 11/42** (2013.01 - EP)

Citation (search report)

- [I] US 2005067426 A1 20050331 - HOLDWAY JOHN BARRETT [US], et al
- [I] JP 2009093480 A 20090430 - FUJI ELECTRIC RETAIL SYSTEMS
- [A] JP 2010140210 A 20100624 - FUJI ELECTRIC RETAIL SYSTEMS
- [A] JP 2009288983 A 20091210 - FUJI ELECTRIC RETAIL SYSTEMS
- [A] JP H10302139 A 19981113 - FUJI ELECTRIC CO LTD
- [A] EP 1993078 A2 20081119 - SANDEN CORP [JP]
- [A] EP 0885816 A1 19981223 - NEW DISTRIBUTION SYSTEMS IN HE [BE]
- See references of WO 2011161809A1

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