

Title (en)
PRODUCT STOWING DEVICE FOR AUTOMATIC VENDING MACHINE

Title (de)
VORRICHTUNG MIT PRODUKTVERSTAUUNG FÜR VERKAUFSAUTOMATEN

Title (fr)
DISPOSITIF DE RANGEMENT DE PRODUITS POUR DISTRIBUTEUR AUTOMATIQUE

Publication
EP 2587459 A1 20130501 (EN)

Application
EP 10853668 A 20100625

Priority
JP 2010060836 W 20100625

Abstract (en)
A product storage device of an automatic vending machine includes a product rack 20 having a plurality of product storage columns 21 juxtaposed in a horizontal direction, and a bucket 40 capable of picking up/delivering a product W from/to a predetermined product storage column 21, wherein the bucket 40 includes: a storage member 42 which is swingably arranged on a bucket main body 41 that is a frame body, which normally assumes a reception posture where the storage member 42 is housed inside the bucket main body 41 due to the storage member's own weight, and which assumes a delivery posture where the storage member 42 swings to open a bottom surface and allows delivery of the product W when a pin member 433 constituting the bucket 40 abuts a protruding member 10; and a restricting groove 427 which restricts the storage member 42 from assuming the delivery posture due to a weight of the product W upon the product W is received from the product storage column 21.

IPC 8 full level
G07F 11/00 (2006.01)

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

Cited by
AT521357B1; AT521357A4

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