

Title (en)  
Product vending machine

Title (de)  
Produktverkaufsautomat

Title (fr)  
Distributeur automatique de produits

Publication  
**EP 2535878 B1 20190807 (EN)**

Application  
**EP 12171962 A 20120614**

Priority  
IT MI20111097 A 20110617

Abstract (en)  
[origin: EP2535878A1] The invention concerns a product dispensing machine, in which a plurality of spiral dispensers (9) are associated to respective planes (7); the spiral dispensers (9) comprise successive spires (10) and exhibit a prevalent development directed along a rotation axis (11) between a rear end (9a) and a front release end (9b); the machine further comprises a movement device (12) for selectively generating a rotary motion of the spiral dispenser (9) about the respective rotation axis (11) such as to determine an advancement of the products to be dispensed interposed between successive spires up to the release end (9b). The machine further comprises at least a sensor (16) configured such as to detect a presence of a further product (4) in the spiral dispenser (9) beyond the product dispensed; the sensor (16) is configured such as to emit a signal directed to a central area (17) of the spires (10) arranged about the rotation axis (11) thereof.

IPC 8 full level  
**G07F 11/36** (2006.01)

CPC (source: EP)  
**G07F 11/36** (2013.01); **G07F 11/42** (2013.01)

Cited by  
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