

Title (en)  
VENDING MACHINE WITH SUPERIMPOSED TRAYS

Title (de)  
VERKAUFSAUTOMAT MIT ÜBERLAGERTEN LADEN

Title (fr)  
DISTRIBUTEUR AUTOMATIQUE AVEC PLATEAUX SUPERPOSÉES

Publication  
**EP 3054431 B1 20180314 (EN)**

Application  
**EP 15202959 A 20151229**

Priority  
IT MI20150158 A 20150206

Abstract (en)  
[origin: EP3054431A1] A vending machine with superimposed trays comprises a storage area (3) for products to be dispensed, a plurality of trays (5) accommodated in the storage area (3), at least one pair of horizontal guides (8), associated with at least one of the trays (5) to allow the tray to be at least partially pulled out of the storage area (3), each guide (8) of the pair of horizontal guides being rigidly joined to a respective pair of vertical uprights (9). Each upright (9) comprises a plurality of identical, superimposed through openings (11), each guide (8) comprising appendages (12) adapted to be freely introduced into respective through openings (11) of the uprights, the appendages (12) inhibiting translation of the guide (8) relative to its respective uprights (9) and allowing rotation of the guide (8) about an axis of rotation perpendicular to the uprights (9), relative to its respective uprights. A stop member (13) for each guide has an appendage (13a) that can be freely introduced into an opening (11) of a respective upright (9) and can be secured by mechanical interference to its respective guide (8) to inhibit rotation of the guide (8).

IPC 8 full level  
**G07F 11/38** (2006.01); **G07F 11/00** (2006.01)

CPC (source: EP)  
**G07F 11/007** (2013.01); **G07F 11/38** (2013.01)

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