

Title (en)

DEVICE FOR STORING AND DISPENSING PRODUCTS

Title (de)

VORRICHTUNG ZUR LAGERUNG UND ABGABE VON PRODUKTEN

Title (fr)

DISPOSITIF POUR LE STOCKAGE ET LA DISTRIBUTION DES PRODUITS

Publication

EP 3637381 A1 20200415 (EN)

Application

EP 19197793 A 20190917

Priority

IT 201800009313 A 20181010

Abstract (en)

A device (1) for storing and dispensing products (100) comprises a storage compartment (2) which is configured to accommodate a plurality of axially symmetric products (100) to be dispensed with their central axes (A) arranged vertically and the products (100) grouped in two parallel rows (101) extending from a rear area (2b) to a front area (2a), the rows (101) being offset from each other so that each product (100) of each row (101) partially fits between two products (100) in the other row (101); the device (1) comprises feeding means (19) for pushing all the products (100) toward a dispensing opening (3); a stop member (6) located at the opening (3) to stop both rows (101) of products (100) by abutting the product (100) that is closest to the opening (3); dispensing means (7) operable on the stop member (6) to disable it and allow the products (100) to be dispensed, the dispensing means (7) being configured to contact the product (100) that is closest to the opening (3) and push the product out of the opening (3).

IPC 8 full level

G07F 11/42 (2006.01); **A47F 1/12** (2006.01); **G07F 11/00** (2006.01); **G07F 11/08** (2006.01); **G07F 11/24** (2006.01); **G07F 11/38** (2006.01)

CPC (source: EP)

A47F 1/126 (2013.01); **G07F 11/005** (2013.01); **G07F 11/08** (2013.01); **G07F 11/24** (2013.01); **G07F 11/42** (2013.01)

Citation (applicant)

- US 2009084812 A1 20090402 - KIRSCHNER JONATHAN [US]
- US 2015102052 A1 20150416 - KIM JUN HO [KR]

Citation (search report)

- [I] US 2005067426 A1 20050331 - HOLDWAY JOHN BARRETT [US], et al
- [I] US 2015102052 A1 20150416 - KIM JUN HO [KR]
- [I] US 2009084812 A1 20090402 - KIRSCHNER JONATHAN [US]
- [A] US 2010200607 A1 20100812 - GUINDULAIN BUSTO FELIX [ES]

Cited by

CN112841944A; WO2022134102A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3637381 A1 20200415; **EP 3637381 B1 20211229**; ES 2910159 T3 20220511; IT 201800009313 A1 20200410

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