

Title (en)

SANITIZED VENDING MACHINE OF PRODUCTS

Title (de)

SANIERTER VERKAUFSAUTOMAT FÜR PRODUKTE

Title (fr)

DISTRIBUTEUR AUTOMATIQUE DE PRODUITS DÉSINFECTÉ

Publication

EP 4222722 A1 20230809 (EN)

Application

EP 21791012 A 20210928

Priority

- IT 202000022942 A 20200929
- IT 202000024100 A 20201013
- IB 2021058836 W 20210928

Abstract (en)

[origin: WO2022070029A1] A sanitized vending machine (1; 50) of products and/or goods comprising a substantially box-like support casing (2; 51) adapted to rest on a reference surface and having an inner collection compartment (3; 52), a display warehouse (4; 53) contained in the support casing (2; 51) and formed by a plurality of mutually parallel support shelves (5; 54) spaced apart along a vertical direction (Y) and suitable to receive the products to be delivered to a user, an at least partly transparent front door (6; 55), rotatably coupled to the support casing (2; 51) to allow an operator to move it to open/close the support casing (2; 51) itself, a mobile bulkhead (7; 56) coupled with the front door (6; 55) and cooperating with first actuation means adapted to move it between a release position, in which the mobile bulkhead (7; 56) closes an access mouth (8; 57) of the collection compartment (3; 52), and a return position, in which the movable bulkhead (7; 56) opens the access mouth (8; 57) to collect and/or return the products, as well as delivery means (9; 58) cooperating with the display warehouse (4; 53) to direct the products selected by the user to the collection compartment (3; 52) and/or bring back to the display warehouse (4; 53) the products returned by the user through the access mouth (8; 57). In particular, the vending machine (1; 50) comprises sterilization means (10; 59) arranged inside the support casing (2; 51) and operatively connected to second actuation means adapted to activate the sterilization means (10; 59) to sanitize at least the delivery means (9; 58) before each withdrawal of the products by the user.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022070029A1

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