

Title (en)

VENDING MACHINE FOR DISPENSING EDIBLE PRODUCTS IN A FLUID STATE

Title (de)

VERKAUFSAUTOMAT VON ESSBAREN PRODUKTEN IN EINEM FLUIDZUSTAND

Title (fr)

DISTRIBUTEUR AUTOMATIQUE POUR LA DISTRIBUTION DE PRODUITS COMESTIBLES À L'ÉTAT FLUIDE

Publication

**EP 3528218 A1 20190821 (EN)**

Application

**EP 19156848 A 20190213**

Priority

IT 201800002678 A 20180214

Abstract (en)

Vending machine (11) for dispensing edible products in a fluid state, comprising: a supporting structure (13); at least one seat (15) defined within the supporting structure (13) and adapted to house at least one flexible container (17) of the product to be dispensed; a dispensing spout (19) from which the dispensed product contained in the container (17) exits; a flexible conduit (21) having one end associated with the container (17) and the opposite end associated with the spout (19); a peristaltic pump (23) for pumping the product contained in the flexible container (17) towards the spout (19); an electronic control unit (25) for controlling the operation of the pump (23), wherein the dispensing spout (19) comprises a rigid tube (19a) adapted to receive therein an end portion (21c) of the flexible conduit (21). IPC = B67D

IPC 8 full level

**G07F 13/00** (2006.01)

CPC (source: EP)

**G07F 13/00** (2013.01)

Citation (applicant)

- US 7572113 B2 20090811 - ROMANYSZYN MICHAEL T [US], et al
- AU 4612179 A 19801023 - BOSTROM G, et al
- IT 1408998 B1

Citation (search report)

- [I] IT TO20111093 A1 20130529 - FANTOLINO CLAUDIO
- [I] US 2006208002 A1 20060921 - ROMANYSZYN MICHAEL T [US], et al
- [A] US 2004118291 A1 20040624 - CARHUFF PETER W [US], et al
- [A] EP 1972198 A1 20080924 - ALI SPA [IT]
- [A] AU 4612179 A 19801023 - BOSTROM G, et al
- [A] US 6206278 B1 20010327 - CORNELL STEPHEN W [US], et al

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 3528218 A1 20190821; EP 3528218 B1 20220511; IT 201800002678 A1 20190814**

DOCDB simple family (application)

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