

Title (en)

Mechanism for containing and extracting products for vending machines

Title (de)

Mechanismus zum Einfüllen und Entnehmen von Produkten für Verkaufsautomaten

Title (fr)

Mécanisme pour contenir et extraire des produits pour distributeurs

Publication

**EP 2369558 A1 20110928 (EN)**

Application

**EP 11382061 A 20110308**

Priority

ES 201030416 A 20100322

Abstract (en)

Mechanism for containing and extracting products for vending machines, especially for boxed products, comprising a channel (1) containing the boxed products (4), a pusher (5) that displaces the boxed products towards a front extraction position, a hatch (2) that closes the upper part of the channel and that may be displaced between a completely closed position and a rear partially open position at which it defines an upper extraction opening (3), lifting means for the product unit (4') located at the front extraction position and actuating means for the upper hatch (2) and for the aforementioned lifting means.

IPC 8 full level

**G07F 11/42** (2006.01)

CPC (source: EP ES)

**G07F 11/38** (2013.01 - ES); **G07F 11/42** (2013.01 - EP)

Citation (search report)

- [A] EP 2063402 A1 20090527 - BRITISH AMERICAN TOBACCO ROMAN [RO]
- [A] WO 2008000346 A1 20080103 - DAINI S R L [IT], et al
- [A] DE 19748158 A1 19990506 - HANS HERMANN TRAUTWEIN SB TECH [DE]
- [A] WO 0235484 A1 20020502 - JYPA AUTOMATIO OY [FI], et al

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CN104457806A

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 2369558 A1 20110928**; **EP 2369558 B1 20130417**; ES 2388097 A1 20121008; ES 2388097 B1 20130823; ES 2421548 T3 20130903

DOCDB simple family (application)

**EP 11382061 A 20110308**; ES 11382061 T 20110308; ES 201030416 A 20100322