

Title (en)

Modular dispensing unit for a vending machine

Title (de)

Modulare Warenausgabeeinheit für einen Warenautomaten

Title (fr)

Unité de distribution modulaire pour machine de vente

Publication

EP 1087346 B1 20040506 (DE)

Application

EP 00120632 A 20000921

Priority

DE 19946030 A 19990925

Abstract (en)

[origin: EP1087346A1] Modular vending machine has a goods compartment (1) with a rotating body (6) for release of goods items e.g. drinks cans or for loading cans (4). The rotating body (6) has one or more openings (16) for loading of a can and then for its release. An additional moving element (40) in the inner space (2) of the compartment (1) is moved every time the rotating body (6) rotates. The moving element (40) holds the cans in their openings during rotation and ensures that a blockage does not occur.

IPC 1-7

G07F 11/24; **G07F 11/44**

IPC 8 full level

G07F 11/24 (2006.01); **G07F 11/32** (2006.01); **G07F 11/44** (2006.01)

CPC (source: EP US)

G07F 11/24 (2013.01 - EP US); **G07F 11/32** (2013.01 - EP US); **G07F 11/44** (2013.01 - EP US)

Cited by

ITRE20130046A1; CN110232777A; EP2610827A1; WO2008124561A1; JP2010524093A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1087346 A1 20010328; **EP 1087346 B1 20040506**; AT E266234 T1 20040515; AU 6434400 A 20010430; DE 50006313 D1 20040609; US 6390328 B1 20020521; WO 0124124 A2 20010405

DOCDB simple family (application)

EP 00120632 A 20000921; AT 00120632 T 20000921; AU 6434400 A 20000713; DE 50006313 T 20000921; EP 0006674 W 20000713; US 66791100 A 20000922