

Title (en)

DEVICE AFFIXED TO AN AUTOMATIC VENDING MACHINE TO RECEIVE THE DELIVERED OBJECTS

Publication

EP 0216025 A3 19880120 (DE)

Application

EP 86108364 A 19860619

Priority

CH 357085 A 19850820

Abstract (en)

[origin: US4735344A] The objects drop into a tray (1) from which they can be removed through a dispenser opening (2), the latter being closed by a first flap (3) that gives way when one reaches therethrough. Behind this flap (3), a second flap (17) is arranged which blocks the path (14) along which the objects pass into the tray (1) once the first flap (3) has left its rest position, and maintains this path closed until the first flap (3) has returned into its rest position. For this purpose, the first flap (3) forms the driving member, and the second flap (17) forms the driven member of a lever-cam gear with a rocker mechanism (15/16). A rocker arm (16) is guided along a cam (18) in such a way that the other rocker arm (15) repels the second flap (17) during opening of the first flap until it blocks the path (14). Until then, one rocker arm (16) closes off the interspace between the lower rim (22) of the first flap (3) and the lower rim (38) of the dispenser opening (2).

IPC 1-7

G07F 9/04

IPC 8 full level

G07F 9/04 (2006.01)

CPC (source: EP US)

G07F 9/04 (2013.01 - EP US)

Citation (search report)

- FR 2405525 A1 19790504 - SODECO COMPTEURS DE GENEVE [CH]
- DE 3341753 A1 19850530 - SIELAFF GMBH CO AUTOMATEN [DE]
- US 2074845 A 19370323 - IDE SHERWOOD C
- US 2384089 A 19450904 - HANDLEY ERNEST W, et al
- US 3116013 A 19631231 - ENO WILBER S, et al

Cited by

US4761809A

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0216025 A2 19870401; **EP 0216025 A3 19880120**; CA 1272987 A 19900821; CH 668136 A5 19881130; US 4735344 A 19880405; YU 128786 A 19890228

DOCDB simple family (application)

EP 86108364 A 19860619; CA 513260 A 19860707; CH 357085 A 19850820; US 87835586 A 19860625; YU 128786 A 19860718