Title (en)

Co-dispensing snack food product and beverages from a vending machine

Title (de)

Verkaufsautomat für Getränke und Imbissprodukte

Title (fr)

Distribution conjointe d'un-cas et de boissons a partir d'un distributeur automatique

Publication

EP 0858058 A3 20000517 (EN)

Application

EP 98200845 A 19950811

Priority

- EP 95929480 A 19950811
- US 28953794 A 19940812
- US 41960595 A 19950410
- US 48266095 A 19950607

Abstract (en)

[origin: WO9605578A1] A process for co-dispensing beverages and snack food products from a single vending machine. Filled beverage containers and filled snack food containers are stored in the vending machine and a buyer, upon payment, product selection, etc., can obtain both a beverage, e.g., a soft drink, and a snack food, e.g., corn chips, from a single machine. The beverage and snack food containers preferably are of substantially the same size so that a vending machine of the type which dispenses containers having a uniform size may be used to carry out the present invention. Also, an automatic door-opening mechanism is disclosed which opens the dispensing door of a vending machine when a snack food container is dispensed which is too light to open the door under the force of gravity. A process and apparatus for packaging snack food product in containers are also disclosed wherein accurately sized portions of the product are formed and fed into a funnel member, the funnel member having troughs which align the product in a desired direction.

IPC 1-7 (main, further and additional classification)

G07F 9/00

IPC 8 full level (invention and additional information)

G07F 9/00 (2006.01); **A47F 1/10** (2006.01); **G07F 9/02** (2006.01); **G07F 9/10** (2006.01); **G07F 11/00** (2006.01); **G07F 11/04** (2006.01); **G07F 11/10** (2006.01); **G07F 11/72** (2006.01)

CPC (invention and additional information)

G07F 11/10 (2013.01); **A47F 1/10** (2013.01); **G07F 9/02** (2013.01); **G07F 11/04** (2013.01); **G07F 11/72** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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

DOCDB simple family

WO 9605578 A1 19960222; AT 233928 T 20030315; AU 3321895 A 19960307; AU 703172 B2 19990318; BR 9508574 A 20020507; CA 2197421 A1 19960222; CA 2197421 C 20010605; CN 1159239 A 19970910; DE 69529826 D1 20030410; EP 0775349 A1 19970528; EP 0775349 B1 20030305; EP 0858058 A2 19980812; EP 0858058 A3 20000517; ES 2193199 T3 20031101; JP H10504411 A 19980428; KR 100321879 B1 20020201; MX 9701118 A 19970531