

Title (en)

DISPENSING APPARATUS AND METHOD OF USING SAME

Title (de)

WARENAUSGABEVORRICHTUNG UND VERFAHREN ZUR BENUTZUNG DIESER VORRICHTUNG

Title (fr)

APPAREIL DISTRIBUTEUR ET SON PROCEDE D'UTILISATION

Publication

EP 1171852 A2 20020116 (EN)

Application

EP 00920097 A 20000331

Priority

- US 0008887 W 20000331
- US 12762999 P 19990402

Abstract (en)

[origin: WO0060553A2] A vending machine for vending articles, most notably beverage or food containers. More particularly, the present invention relates to a vending machine having a cabinet with a plurality of vertically spaced shelves, and an "X-Y" picker assembly for receiving a packaged beverage from a shelf and for delivering the packaged beverage to a delivery port in a front face of the cabinet, or to another location as desired.

IPC 1-7

G07F 11/42; **G07F 11/62**

IPC 8 full level

G07F 11/00 (2006.01); **B65G 59/00** (2006.01); **B65G 59/06** (2006.01); **G07F 11/16** (2006.01); **G07F 11/32** (2006.01); **G07F 11/42** (2006.01)

CPC (source: EP US)

G07F 11/16 (2013.01 - EP US); **G07F 11/163** (2020.05 - EP US); **G07F 11/165** (2013.01 - EP US); **G07F 11/32** (2013.01 - EP); **G07F 11/42** (2013.01 - EP)

Citation (search report)

See references of WO 0060553A2

Cited by

EP3863417A4

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)

WO 0060553 A2 20001012; **WO 0060553 A3 20010201**; AT E336052 T1 20060915; AU 4068700 A 20001023; AU 746873 B2 20020502; BR 0009521 A 20020115; CA 2366463 A1 20001012; CN 1161718 C 20040811; CN 1345432 A 20020417; DE 60029943 D1 20060921; DE 60029943 T2 20070301; EP 1171852 A2 20020116; EP 1171852 B1 20060809; ES 2267515 T3 20070316; ID 30520 A 20011213; JP 2002541569 A 20021203; JP 4169482 B2 20081022; MX PA01009584 A 20020314; NO 20014786 D0 20011001; NO 20014786 L 20011203; ZA 200107286 B 20021127

DOCDB simple family (application)

US 0008887 W 20000331; AT 00920097 T 20000331; AU 4068700 A 20000331; BR 0009521 A 20000331; CA 2366463 A 20000331; CN 00805733 A 20000331; DE 60029943 T 20000331; EP 00920097 A 20000331; ES 00920097 T 20000331; ID 20012102 A 20000331; JP 2000609970 A 20000331; MX PA01009584 A 20000331; NO 20014786 A 20011001; ZA 200107286 A 20010903