

Title (en)
Automatic vendor of products

Title (de)
Verkaufsautomat für Waren

Title (fr)
Distributeur automatique de produits

Publication
EP 1739638 A1 20070103 (EN)

Application
EP 05013977 A 20050628

Priority
EP 05013977 A 20050628

Abstract (en)
An automatic vendor comprises a body (10); a lower side of the body (10) having a goods output opening and an lower side of the body (10) having a receiving chamber (12) for receiving goods; a groove (20) installed below the receiving chamber (12); a rotary disk (30) installed in the groove (20); a first spacer (50) in the receiving chamber of the body (10); the first spacer (50) being connected to a driving element (80); the driving element (80) being driven by a driving machine (90); a second spacer (60) fixedly installed in the receiving chamber (12) and at an opposite side of the first spacer (50); a third spacer (70) installed on the rotary disk (30); the third spacer (70) being a right triangular plate which is obliquely installed on the upper edge of the groove (20) above the rotary disk (30) so that the third spacer (70) shields part of the rotary disk (30) and at least partially shields an upper side of the outlet.

IPC 8 full level
G07F 11/44 (2006.01)

CPC (source: EP)
G07F 11/44 (2013.01)

Citation (applicant)
• US 5738245 A 19980414 - TOMIOKA AKIRA [JP]
• US 5092489 A 19920303 - PASTOR CLAUDE I [FR], et al

Citation (search report)
• [Y] US 5738245 A 19980414 - TOMIOKA AKIRA [JP]
• [Y] US 5092489 A 19920303 - PASTOR CLAUDE I [FR], et al
• [A] US 3175669 A 19650330 - JAMES GARVIN ALEX
• [A] US 3101872 A 19630827 - DICKINSON DONALD L
• [A] US 2732974 A 19560131
• [A] US 2136089 A 19381108 - STONE OBED W
• [A] US 5285925 A 19940215 - LEIGHT HOWARD S [US]
• [A] US 3749280 A 19730731 - GALE R, et al

Cited by
CN107274555A; US10482703B2; WO2018223575A1; US9412216B2; US9501890B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1739638 A1 20070103

DOCDB simple family (application)
EP 05013977 A 20050628