

Title (en)
Vending machine

Title (de)
Verkaufsautomat

Title (fr)
Distributeur automatique

Publication
EP 1717768 A1 20061102 (EN)

Application
EP 05076053 A 20050428

Priority
EP 05076053 A 20050428

Abstract (en)
Vending machine for items to be vended, comprising helical transport means, supporting means, and a collecting area for collecting the items by the customer, which machine has a reduced tendency for items to be stuck between the end of the support means and the collecting area. This can be achieved by either or both of: - wherein upon rotation of the helical transport means the lower end of the item to be vended is transported over a greater distance than the top end; - wherein the end of the supporting means does not end straight but under an angle, similar (between -5° and +5°) to the last winding of the helical transport means.

IPC 8 full level
G07F 11/36 (2006.01)

CPC (source: EP)
G07F 11/36 (2013.01)

Citation (search report)

- [XY] US 3840147 A 19741008 - O NEAL W, et al
- [XY] DE 2142389 A1 19730301 - SCHLAF STANLEY ORVILLE
- [X] US 3828971 A 19740813 - OFFUTT E, et al
- [X] WO 0129788 A2 20010426 - AUTOMATED MERCHANDISING SYSTEM [US]
- [X] US 5748485 A 19980505 - CHRISTIANSEN LARS K [US], et al

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

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