

Title (en)
Vending-machine for small objects.

Title (de)
Verkaufsautomat für Kleinwaren.

Title (fr)
Distributeur de petits objets.

Publication
EP 0395824 B1 19940615

Application
EP 89890130 A 19890502

Priority
AT 25188 A 19880208

Abstract (en)
[origin: EP0395824A1] A vending machine (1) for small articles has at least one article drum (4) which is arranged rotatably on a bearing axle (3) inside a housing (2) and which forms uniformly distributed sector-shaped product compartments (5) and can be driven in steps by means of an actuating drive (6). To achieve a simple drum drive unsusceptible to faults and functionally reliable, a ratchet mechanism with a ratchet wheel (10), ratchet (11), shift lever (12) and detent pawl (13) or the like is provided as an actuating drive (6), the ratchet wheel (10) connected fixedly in terms of rotation and coaxially to the drum (4) having indexing teeth (15) corresponding in number and division to the compartments (5), the shift lever (12) articulated on the ratchet (11) being mounted adjustably by pivoting counter to the force of a shift spring (18) by means of an electrical lifting magnet (17) activatable via the actuating device (9), and the detent pawl (13) or the like, which engages into the indexing teeth (15) of the ratchet wheel (10) or into circumferential notches (19) of the drum (4), belonging to a rotary stop mechanism (13, 14) acting in the two directions and releasable by means of the adjusting movement of the shift lever (12). <IMAGE>

IPC 1-7
G07F 11/52; G07F 11/54

IPC 8 full level
G07F 11/54 (2006.01)

CPC (source: EP)
G07F 11/54 (2013.01)

Cited by
CN114308954A; EP0547020A3; KR100362806B1

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DE FR IT

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