

Title (en)
COIN HOLDER FOR A COIN OPERATED APPARATUS OR COIN CHANGER

Publication
EP 0143972 A3 19860806 (DE)

Application
EP 84112798 A 19841024

Priority
CH 620683 A 19831118

Abstract (en)
[origin: US4553694A] The compartments (3) of a compartment ring (1) rotatable stepwise about its horizontal axis (2) are bounded at the ring end faces by circular-ring walls (6, 7), at the outer ring circumference by a cylindrical annular wall (19) exhibiting at the top an inlet opening (23) leading into respectively one compartment (3a), and at the inner ring circumference by a conical annular wall (20) exhibiting at the top an outlet opening (24) offset with respect to the inlet opening (23) in a direction of rotation (17) of the ring, this outlet opening leading into a coin return channel (26) and into a coin overflow channel (27). Upon rotation of the ring in this direction (17), the last-received coins drop into the coin return channel (26). Upon rotation in the opposite direction (18), respectively one coin is received while another coin, exceeding the capacity of the compartment ring (1), drops into the coin overflow channel (27). The conical shape of the inner annular wall (21) prevents that a coin, dropping through the inlet opening (23) into a compartment (3a) and rebounding, projects temporarily into the inlet opening (23) where it could block the coin collection box during the immediately subsequent rotation of the compartment ring. Ribs (34) on the compartment walls (4) prevent sticking of a coin to the walls. By means of ribs (35) at the outlet opening (24), the coins are lifted before they reach this opening, and are thereby detached from the compartment walls (4), if necessary.

IPC 1-7
G07F 5/24

IPC 8 full level
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CPC (source: EP US)
G07F 1/047 (2013.01 - EP US); **G07F 5/24** (2013.01 - EP US)

Citation (search report)
• [AD] FR 2376471 A1 19780728 - AUTELCA AG [CH]
• [A] GB 2070307 A 19810903 - GEN ELECTRIC CO LTD
• [A] US 2251755 A 19410805 - PETERS WILLIAM G
• [A] US 1625979 A 19270426 - BRINKERHOFF FREDERIC H
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EP 84112798 A 19841024; AT 84112798 T 19841024; CA 467551 A 19841109; DE 3476709 T 19841024; JP 23873584 A 19841114; US 66555884 A 19841029