

Title (en)

Device for opening and closing doors and drawers

Title (de)

Gerät zum Öffnen und Schliessen von Türen und Schubladen

Title (fr)

Dispositif pour ouvrir et fermer les portes et tiroirs

Publication

EP 1925240 B1 20090114 (EN)

Application

EP 06024464 A 20061124

Priority

EP 06024464 A 20061124

Abstract (en)

[origin: EP1925240A1] The outer cylinder (1) has a strap (4) that is tensed so that its end (4a) presses against an inner wall (2a) of the piston (2), whilst this piston (2) has an elastic laminar ramp (5) and a rotating catch (6); the rotating catch (6) can adopt respective activated and deactivated positions in which its front face is longitudinally facing the free end of the ramp (5), and this rotating catch (6) has a slot (6a) that is designed to allow the insertion of the flat tip of a screwdriver (9) and can be accessed through a triangular window (1a) in the exterior cylinder (1) so that the positions of the slot (6a) corresponding to the activated and deactivated positions of the rotating catch (6) are situated between two opposite sides; the ramp (5) is tensed so that its free end presses on the inner wall (2a) of the piston (2) in a part that is longitudinally aligned with the end (4a) of the strap (4) at a suitable distance, and at the base of this ramp (5) there is a pivot (7) that defines a looped cam path (8) between its periphery and the interior of the piston (2), which forms a Y-shaped recessed portion (8a) on the part opposite the base of the ramp (5) that is designed to receive the end (4a) of the strap (4).

IPC 8 full level

A47B 88/04 (2006.01)

CPC (source: EP)

A47B 88/463 (2016.12)

Cited by

EP2208440A1; EP2292119A1; ITVI20090229A1; CN103025204A; CN112878179A; EP2266437A1; EP2336011A1; US8906167B2; US9648952B2; US9750347B2; WO2012010590A1

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