

Title (en)

Locking device, esp. for covers, caps, door and window wings

Title (de)

Verschlussvorrichtung, insbesondere für Abdeckungen, Deckel, Türen und Fensterflügel

Title (fr)

Dispositif de verrouillage en particulier pour des couvercles, bouchons et ailes de porte ou de fenêtre

Publication

EP 2136018 A2 20091223 (EN)

Application

EP 09466007 A 20090615

Priority

CZ 20082048 A 20080619

Abstract (en)

A locking device, especially for covers, caps, door and window wings, comprising a case (22) having a bottom (23) and a cover (24), wherein a toothed pinion (12) is accommodated in pivoting manner inside the case (22) and a locking pin (38) is arranged tangentially slidingly thereto. A circular socket (27) is arranged at least in the bottom (23), the toothed pinion (12) is accommodated in a pivoting manner in the circular socket (27), a vertically shifting control pin (2) is arranged in the axis of the toothed pinion (12), wherein a longitudinal socket (37) is arranged at least in the bottom (23) and oriented tangentially with respect to the toothed pinion (12), the locking pin (38) being arranged slidingly in the longitudinal socket (37) and being provided with annular notches (39, 40, 41, 42) at its central part, by means of which the locking pin (38) engages the respective teeth (44) of the toothed pinion (12).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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Cited by

CN107905650A; IT201800009233A1; WO2014202099A1

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