

Title (en)

LATCH DEVICE MOUNTED ON DRIVING RODS OF WINDOWS, DOORS OR THE LIKE

Publication

EP 0222067 B1 19900516 (DE)

Application

EP 86110404 A 19860728

Priority

- DE 8530002 U 19851023
- DE 8606935 U 19860313

Abstract (en)

[origin: EP0222067A1] 1. A locking device on either-hand-mounting positioning bar fittings for windows or doors or the like, more particularly on stays for turn-tilt moving members of doors or windows or the like, the device comprising : two thrust wedges movable linearly by a positioning bar, for example, along a face plate and disposed one after another at a predetermined spacing from one another ; and two substantially stationary abutment wedges which are engageable with the thrust wedges and which are also disposed at a predetermined distance apart from one another, both the thrust wedges and also the abutment wedges having in addition to wedging surfaces locking flanks extending parallel to the direction of adjustment of the thrust wedges and are disposed on two webs disposed parallel to and at an offset from one another, the wedging surfaces of the thrust wedges, on the one hand, and the wedging surfaces of the two abutment wedges, on the other hand, extending in the same direction as one another but being oppositely inclined to one another, characterised in that the two thrust wedges (5, 6) are fixedly disposed on a common strip (3) connected to the positioning bar (2), each thrust wedge (5, 6) has two locking flanks (5c, 5d and 6c, 6d respectively) which are remote from one another and whose distance (17) apart from one another is adapted to the distance (16) between the locking flanks (11c, 12c) of the two abutment wedges (11, 12 respectively), the latter flanks being embodied by the inside surfaces of the webs (14, 15), an auxiliary web (19, 21) is disposed in spaced relationship (18) after and in spaced relationship (20) before, respectively, the thrust wedges (5, 6 respectively) on a plate (10) in addition to the respective abutment wedges (11, 12) disposed with their webs on the common plate (10), the respective inside surface (19a, 21a) of the respective auxiliary web (19, 21) being coplanar with the inside surface or locking flank (11c, 12c respectively) of the abutment wedge (11, 12 respectively), and the inside surface (19a, 21a) of the respective auxiliary web (19, 21) can be moved into bearing engagement as additional locking flank with that locking flank (6c, 5c) of the thrust wedges (6, 5 respectively) which starts from the wedge vertex (6b, 5b).

IPC 1-7

E05C 17/04

IPC 8 full level

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CPC (source: EP)

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Cited by

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