

Title (en)
LOCKING DEVICE

Title (de)
VERRIEGELUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE BLOCAGE

Publication
EP 1960623 A1 20080827 (EN)

Application
EP 06820064 A 20061122

Priority
• FI 2006000385 W 20061122
• FI 20051282 A 20051213

Abstract (en)
[origin: WO2007068789A1] A locking device (1) for locking to and disconnecting from the floor (5) a movable wall element (2) , door or the like. The locking device (1) functions so that when there is an impact from an outside force on the release pin (13), as when it hits an obstacle, the release pin (13) moves against the springback factor of the second spring (16) from the stop position (III) to the release position (IV) so that the latch pin (9) can move due to the springback factor of the first spring (12) from the release location (II) to the stop location (I) . The locking device is provided with a rocker (17) which is jointed to the frame (6) so that it turns around the horizontal pivot shaft (18) , and said pivot shaft is horizontally at a distance from the first guide. The rocker (17) is provided with a first head (19) which is adapted to co-operate with the upper end (10) of the latch pin (9) in order to move the latch pin when turning the rocker around the pivot shaft, and a second head (20) to which a downwards impacting force (F) can be directed in order to turn the rocker around the pivot shaft (18) in order to lift the latch pin (9) from the stop location (I) to the release location (II) against the springback factor of the first spring (12) .

IPC 8 full level
E04B 2/82 (2006.01); **E05B 63/20** (2006.01); **E05B 65/08** (2006.01); **E05C 7/04** (2006.01); **E05C 1/06** (2006.01)

IPC 8 main group level
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CPC (source: EP FI)
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Citation (search report)
See references of WO 2007068789A1

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