

Title (en)

SWING DOOR FOR BLOCKING A PASSAGE FOR PERSONS

Title (de)

SCHWENKT RE ZUM VERSCHLIESSEN EINES PERSONENDURCHGANGES

Title (fr)

PORTE BATTANTE POUR FERMER UN PASSAGE DE PERSONNES

Publication

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Application

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Abstract (en)

[origin: WO2005008015A1] The invention relates to a swing door (1) for blocking a passage (33) for persons. Said swing door (1) comprises a support (2) on which a door wing (5) is arranged so as to be pivotable about a vertical axis (3), a locking mechanism (8) that allows the door wing (5) to be locked in a position blocking the passage (33) for persons, and a panic safety device (17) that is located inside the support (2) and allows the locked door wing (5) to be swiveled by applying a predefined minimum force acting upon the door wing (5) in order to open the passage (33) for persons in an emergency. The door wing (5) is provided with a pivoting part (6) inside which a sliding block part (10) is disposed. The panic safety device (17) is provided with a locking bolt (24) that is subjected to the effect of a spring mechanism (32), is supported by a bearing part (18), and engages into the sliding block part (10). The sliding block part (10) also cooperates with the locking bolt (24) in such a way that the sliding block part (10) can be raised by a certain level along the longitudinal axis of the support (2) in order for the door wing (5) to be able to swivel in both directions when the locking mechanism (8) is not activated.

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