

Title (en)

LOCKING SYSTEM FOR A TWO-LEAF DOOR ASSEMBLY WITH PANIC FUNCTION

Title (de)

SCHLOSSSYSTEM FÜR EINE ZWEIFLÜGELIGE TÜRANLAGE MIT PANIKFUNKTION

Title (fr)

SYSTÈME DE SERRURE POUR BLOC-PORTE À DEUX VANTAUX À FONCTION ANTI-PANIQUE

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Application

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Abstract (en)

[origin: WO2012107167A1] The invention relates to a locking system (1) for a two-leaf door assembly, comprising a lock (10) which can be arranged on an active leaf and which has a lock case (11). The lock further has a counter lock case (12) that can be arranged on an inactive leaf. A deadbolt (13) is arranged in the lock case (11) so as to be movable in a bolt axis (14), and the deadbolt (13) can be moved between a position in which the bolt is retracted into the lock case (11) and a position in which the bolt protrudes out of the lock case (11) and engages into the counter lock case (12). Furthermore, a slider (15) is received in the lock case (11), said slider being operatively connected to the deadbolt (13) and carrying out a stroke movement along a stroke axis (16) when the deadbolt (13) is moved in the bolt axis (14). The counter lock case (12) is equipped with an actuating mechanism (17), by means of which the deadbolt (13) can be brought into the position in which the bolt is retracted into the lock case (11), and the deadbolt (13) is equipped with an actuating pin (18) which can be moved in the direction of the bolt axis (14) into the deadbolt (13) by means of the actuating mechanism (17) such that the actuating pin (18) comes into operative connection with the slider (15) and triggers a stroke movement of the slider (15) in the stroke axis (16), whereby a transfer of the deadbolt (13) into the lock case (11) can be released. According to the invention, the slider (15) has a guide slot (19) in which a guiding element (20) that is disposed on the deadbolt (13) is guided, said guide slot (19) having a blocking portion (19a) out of which the guiding element (20) can be guided when the slider (15) is lifted in the stroke axis (16) by the actuating pin (18).

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