

Title (en)
Locking device mounted to a door

Title (de)
An einer Tür montierte Verriegelungsvorrichtung

Title (fr)
Dispositif de verrouillage monté sur une porte

Publication
EP 2728091 A2 20140507 (EN)

Application
EP 13396009 A 20131030

Priority
FI 20120365 A 20121031

Abstract (en)
Locking device either including a lock body (10) which can be embedded inside a door or can be installed on the surface of a door or that the locking device can be adjusted in a door equipped with the mentioned lock body (10) wherein the mentioned lock body (10) comprises two shaft lines (L1), (L2) of which shaft lines for one a turning knob (2) is adjusted and for the other operating handles (1) are adjusted and that the lock body (10) comprises a mechanism which locks the door and unlocks the door wherein the functions of the locking element (3) protruding out of the lock body (10) are adjusted to occur with the help of the mentioned locking device and that the mentioned locking device comprises at least a touch element, such as a fingerprint detector (7), as a controlling function. The locking device comprises an inner unit (8, 9) and an outer unit (4) which can be attached to the door wherein a mechanism is adjusted in the inner unit (8, 9) on the shaft line (L1) of the turning knob (2) with the help of which mechanism the shaft (17) of the turning knob (2) can be adjusted both to have a rotation connection with operating handles (1) which are located on the other shaft line (L2) and can be adjusted to be disengaged from the mentioned rotation connection wherein the element which conveys the rotation connection and opens it is a switching element (13) which is adjusted on the shaft line (L1) of the turning knob (2) and moves in the direction of the mentioned shaft (17).

IPC 8 full level
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Citation (applicant)
CN 2630399 Y 20040804 - LI BAOJIAN [CN]

Cited by
CN110017060A; CN105352498A; CN107060521A; CN107747432A; CN107986144A; CN105239844A; CN104727663A; CN111411830A; US11933560B2; CN105976482A; US11920880B2; US11933558B2

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