

Title (en)

Door lock with a dead bolt and a latch bolt.

Title (de)

Türschloss mit Riegel und Falle.

Title (fr)

Serrure d'une porte à clenche comportant un pêne dormant.

Publication

EP 0668424 A1 19950823 (EN)

Application

EP 95300999 A 19950216

Priority

FI 940761 A 19940218

Abstract (en)

A lock mechanism includes a lock body (1) supporting a dead bolt (3) operated by a force transmission means from a first operating axis (5) at which a key-operated device can be installed and a latch bolt (4) operated by means of a follower (11) from a second operating axis (6) at which at least one door handle, turning knob or the like is installed. Force transmission from the follower (11) to the latch bolt (4) occurs through a force transmission piece (16) movably supported to the lock body (1). The force transmission means for the dead bolt (3) comprises a force transmission element (7) movable relative to the first operating axis (5) and arranged to move the force transmission piece (16) so that simultaneously as the dead bolt (3) is moved into its protruding locked position, the force transmission piece (16) is moved to disconnect the force transmission connection between the follower (11) and the latch bolt (4). <IMAGE>

IPC 1-7

E05B 55/06

IPC 8 full level

E05B 59/00 (2006.01); **E05B 13/00** (2006.01)

CPC (source: EP)

E05B 59/00 (2013.01); **E05B 13/005** (2013.01)

Citation (applicant)

- US 3990277 A 19761109 - MULLICH RICHARD O
- GB 2134170 A 19840808 - NORCROS INVESTMENTS LTD

Citation (search report)

- [XA] GB 2134170 A 19840808 - NORCROS INVESTMENTS LTD
- [X] US 3990277 A 19761109 - MULLICH RICHARD O
- [A] US 3808849 A 19740507 - ALEXANDER G
- [A] DE 1130323 B 19620524 - ERNST C DOERPINGHAUS
- [A] GB 2268969 A 19940126 - TALLERES ESCORIAZA SA [ES]

Cited by

US5747411A; WO2011159242A1; WO2009031173A1

Designated contracting state (EPC)

DE DK SE

DOCDB simple family (publication)

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