

Title (en)
Locks.

Title (de)
Schlösser.

Title (fr)
Serrures.

Publication
EP 0011424 A1 19800528 (EN)

Application
EP 79302431 A 19791102

Priority
GB 7843337 A 19781106

Abstract (en)
A lock has a runner (17) whose movement under turning of a correct key in the lock, is at right angles to that of the bolt (1). The runner (17) is coupled to the bolt (1) by a bell-crank (23) that engages via a peg (29) with a dogleg slot (31) of the bolt (1). A shoulder (37) of the runner (17) bears on the casing rear-wall (38) and lies immediately behind the bolt (1) for deadlocking it. Upward movement of the runner (17) under clockwise turning of the key is lost to the bolt (1) initially as the peg (29) traverses a first portion (32) of the slot (31), allowing the shoulder (37) to move clear before withdrawal of the bolt (1). Anti-clockwise turning of the key returns the runner (17), the peg (29) entering the lost-motion slot-portion (32) again after the bolt (1) is re-extended, to allow reintroduction of the shoulder (37) behind the bolt (1). The lower end of the slot (31) is enlarged to ensure that forcing of the bolt (1) is borne by the shoulder (37) alone.

IPC 1-7
E05B 65/02

IPC 8 full level
E05B 63/00 (2006.01)

CPC (source: EP)
E05B 63/0017 (2013.01)

Citation (search report)
• FR 1573025 A 19690527
• DE 1553441 B

Designated contracting state (EPC)
CH DE FR IT NL

DOCDB simple family (publication)
EP 0011424 A1 19800528; EP 0011424 B1 19830504; AU 5232979 A 19800515; AU 529533 B2 19830609; DE 2965323 D1 19830609; NZ 191919 A 19830715; ZA 795692 B 19801029

DOCDB simple family (application)
EP 79302431 A 19791102; AU 5232979 A 19791030; DE 2965323 T 19791102; NZ 19191979 A 19791024; ZA 795692 A 19791024