

Title (en)
Handle operated lock with a plurality of locking bolts

Title (de)
Drückerbetätigbares Mehrriegelschloss

Title (fr)
Serrure à plusieurs pènes actionnée par poignée

Publication
EP 1091064 A3 20030409 (DE)

Application
EP 00890297 A 20001004

Priority
AT 170899 A 19991007

Abstract (en)
[origin: EP1091064A2] The lock has a nut, which operates at least one connecting rod (14,15) through at least one carrier (6) and a transmission or gear mechanism. The carrier engages a linear slide (7), which has a slot (10) in the sliding direction to carry a gear (9). The gear engages a toothed rack (11) parallel to the slider on one side and a toothing (12) parallel to the slider on the connecting rod or a connecting rod connection slider (13) on the other side.

IPC 1-7
E05C 9/02; E05C 9/10

IPC 8 full level
E05C 9/02 (2006.01); **E05B 59/00** (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP)
E05C 9/021 (2013.01); **E05C 9/026** (2013.01); **E05B 59/00** (2013.01); **E05B 63/0021** (2013.01)

Citation (search report)

- [A] EP 0534089 A1 19930331 - SIEGENIA FRANK KG [DE]
- [A] DE 19522641 A1 19970102 - WINKHAUS FA AUGUST [DE]
- [A] DE 29722665 U1 19980305 - HOPPE HOLDING AG [CH]

Cited by
CN104652928A; DE102006000124A1; CN108756540A; EP2264265A3; CN104563631A; CN108868463A; US12024919B2; EP1621707A1; US2022010590A1; US2022010589A1; US11572706B2; US11661763B2; WO2022062290A1

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