

Title (en)

Spring clamp nut

Title (de)

Federklemmnuss

Title (fr)

Abattant à borne à ressort

Publication

EP 2503080 A3 20170412 (DE)

Application

EP 12160476 A 20120321

Priority

AT 1642011 U 20110321

Abstract (en)

[origin: EP2503080A2] The door lock has a lock nut (2) comprising an opening which passes through lock nut over entire width. The cross-section of opening is slightly larger than cross section of a lock pin (1). The lock nut is provided with a driver shaft (9) which is engaged with a latch shaft connected to case of the door lock in the open or close position. A spiral wound follower spring is arranged such that one free end (6) of spring is connected to case and another free end (7) of spring is made to pass the inside of cross section of opening.

IPC 8 full level

E05B 3/08 (2006.01); **E05B 15/04** (2006.01)

CPC (source: EP)

E05B 15/0013 (2013.01); **E05B 2015/0406** (2013.01)

Citation (search report)

- [A] DE 3322404 A1 19850103 - FLIETHER KARL GMBH & CO [DE]
- [A] AT 1555 U1 19970725 - GRUNDMANN ROHRBACHER SCHLOSSER [AT]
- [A] DE 2552937 A1 19770602 - KIRCHMANN NIEDERDRENK KG
- [A] FR 2846355 A1 20040430 - DEMASSARD JEAN [FR]

Cited by

US2022010590A1; US11661763B2; EP4257786A1; IT202200007058A1; US11572706B2; US12024919B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 12160476 A 20120321