

Title (en)
Blocking mechanism

Title (de)
Sperrmechanismus

Title (fr)
Mécanisme de blocage

Publication
EP 1626142 B1 20100623 (DE)

Application
EP 05106077 A 20050705

Priority
DE 102004039531 A 20040814

Abstract (en)
[origin: EP1626142A2] The mechanism has a key having a transponder, with a controller recording a code of the transponder and determining a closing authorization. An actuator (10) for the control has a check mechanism, which controls the controller. The actuator may be piezoelectric, magnetostrictive or electromagnetic. The check mechanism has a core pin (15, 29), a housing pin (14) and link for the pre-loading of the housing pin (14) against the core pin. The housing and the core (2, 28) are each other aligning as channels (16, 17) with the core pin in cross section. In closing position, the core pin is arranged partly in the channel (16) of the housing and partly in the channel (17) of the core (2, 28).

IPC 8 full level
E05B 27/00 (2006.01); **E05B 47/00** (2006.01); **E05B 49/00** (2006.01)

CPC (source: EP)
E05B 47/063 (2013.01); **E05B 2047/0058** (2013.01)

Cited by
EP3176094A1; CN111042665A; CN104895415A; CN111258249A; SE544187C2; RU2596474C2; EP2975201A3; US11021262B2; US11655653B1; US10047540B2; WO2010063050A3; WO2009028991A3; WO2020209777A1; EP4336001A1; DE102022209279A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1626142 A2 20060215; EP 1626142 A3 20081001; EP 1626142 B1 20100623; AT E472029 T1 20100715; DE 102004039531 A1 20060223; DE 502005009785 D1 20100805; ES 2345391 T3 20100922; PL 1626142 T3 20101231

DOCDB simple family (application)
EP 05106077 A 20050705; AT 05106077 T 20050705; DE 102004039531 A 20040814; DE 502005009785 T 20050705; ES 05106077 T 20050705; PL 05106077 T 20050705