

Title (en)
SAFETY MECHANISM FOR LOCKS

Title (de)
SICHERHEITSEINRICHTUNG FÜR SCHLÖSSER

Title (fr)
DISPOSITIF DE SÉCURITÉ POUR SERRURES

Publication
EP 2662514 B1 20190424 (DE)

Application
EP 13450018 A 20130425

Priority
AT 5602012 A 20120510

Abstract (en)
[origin: EP2662514A2] The device has a handle (1) coupled with a locking lug (7) of a locking device in an actuation state. A braking or blocking device i.e. eddy current brake, brakes or blocks rotating movement starting from a defined number of revolutions of the handle in a unit of time. The braking or blocking device comprises a displaceable element that is displaceable between release- and braking or blocking positions and co-operates with a counter-element to brake or block the rotating movement of the handle. The handle is mechanically decoupled from the displaceable element in the release position. The device comprises an eddy current element i.e. eddy current disk, that is made of ferromagnetic material.

IPC 8 full level
E05B 9/04 (2006.01); **E05B 13/00** (2006.01); **E05B 17/20** (2006.01); **E05B 47/06** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 9/041 (2013.01); **E05B 13/005** (2013.01); **E05B 17/2084** (2013.01); **E05B 47/0615** (2013.01); **E05B 47/0676** (2013.01); **E05B 2047/0026** (2013.01)

Cited by
EP2816180A3; CN106285205A; CN106652143A

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

DOCDB simple family (publication)
EP 2662514 A2 20131113; **EP 2662514 A3 20171129**; **EP 2662514 B1 20190424**; AT 512658 A4 20131015; AT 512658 B1 20131015; EP 3404172 A1 20181121; EP 3404172 B1 20200226; ES 2737732 T3 20200115; ES 2792094 T3 20201110

DOCDB simple family (application)
EP 13450018 A 20130425; AT 5602012 A 20120510; EP 18000496 A 20130425; ES 13450018 T 20130425; ES 18000496 T 20130425