

Title (en)
Lock device with switchable blocking mechanism

Title (de)
Sperrvorrichtung mit schaltbarem Blockiermechanismus

Title (fr)
Dispositif de verrouillage doté d'un mécanisme de blocage commutable

Publication
EP 2397628 A3 20161123 (EN)

Application
EP 11169786 A 20110614

Priority
SE 1050617 A 20100616

Abstract (en)
[origin: EP2397628A2] Lock device comprising a lock housing (10, 210), in which there is arranged: a lock bolt (30, 230), which is movable between an unlocked position and a locked position, and a first follower (50, 250). A driver (60, 260) is coupled to the first follower and is arranged to, by means of the first follower, manoeuvre the lock bolt between its unlocked and locked position, as well as, in the locked position of the lock bolt, to dead lock the lock bolt by contact against the lock bolt. A second follower (70, 270) is arranged to, by rotation, influence the functioning of the lock device. A blocking mechanism (100, 300) is switchable between a blocking state, in which rotation of the second follower is barred, and a non-blocking state, in which rotation of the second follower is allowed. The blocking mechanism (100, 300) is arranged to, when the lock bolt (30, 230) is in its locked, dead locked position and the blocking mechanism has assumed its blocking state, by mechanical interaction with the driver (60, 269), bar the blocking mechanism from being switched from its blocking state to its non-blocking state.

IPC 8 full level
E05B 59/00 (2006.01); **E05B 13/00** (2006.01); **E05B 47/06** (2006.01); **E05B 55/04** (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP SE)
E05B 13/004 (2013.01 - EP); **E05B 15/0013** (2013.01 - EP); **E05B 17/2088** (2013.01 - SE); **E05B 17/22** (2013.01 - SE);
E05B 47/023 (2013.01 - EP); **E05B 63/0013** (2013.01 - EP); **E05B 47/0012** (2013.01 - EP); **E05B 47/0657** (2013.01 - EP);
E05B 59/00 (2013.01 - EP); **E05B 63/0065** (2013.01 - EP)

Citation (search report)
• [AD] WO 03078767 A1 20030925 - ASSA AB [SE], et al
• [AD] SE 431574 B 19840213 - GKN STENMAN AB [SE]
• [A] DE 102008016699 A1 20091008 - DORMA GMBH & CO KG [DE]

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EP2738324A3; EP3570255A1; WO2019113984A1; WO2023166239A1; WO2022103316A1

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)
EP 2397628 A2 20111221; **EP 2397628 A3 20161123**; **EP 2397628 B1 20180404**; AU 2011202865 A1 20120119; AU 2011202865 B2 20140807;
DK 2397628 T3 20180709; NZ 593487 A 20111028; SE 1050617 A1 20110621; SE 534261 C2 20110621

DOCDB simple family (application)
EP 11169786 A 20110614; AU 2011202865 A 20110615; DK 11169786 T 20110614; NZ 59348711 A 20110615; SE 1050617 A 20100616