

Title (en)
ELECTROMECHANICAL LOCK

Title (de)
ELEKTROMECHANISCHES SCHLOSS

Title (fr)
SERRURE ELECTROMECHANIQUE

Publication
EP 3913172 A1 20211124 (EN)

Application
EP 21173751 A 20210513

Priority
IT 202000011377 A 20200518

Abstract (en)
Electromechanical lock (1) comprising: an operating cylinder (2) extending between a first end (21) and an opposite second end (22); an inner knob (3) and an outer knob (4) rotatably connected to the operating cylinder (2) at the first end (21) and the second end (22), respectively; wherein the inner knob (3) comprises: an actuator (31) powered by a battery (32), a control unit (33) in signal communication with the actuator (31) and with the battery (32) and a detection device (34) in signal communication with the control unit (33) and connected to the outer knob (4); wherein the actuator (31) is configured to switch the operating cylinder (2) from a locking position, wherein the outer knob (4) rotates idle, to an unlocking position, wherein the rotation of the outer knob (4) results in the operation of the operating cylinder (2), upon receiving an unlocking signal from the control unit (33) and wherein the detection device (34) is configured to detect the rotations of the outer knob (4) and to send a detection signal to the control unit (33) for each rotation of the outer knob (4), the control unit (33) is configured to process the detection signals from the detection device (34) and to send wireless output signals to an outer device.

IPC 8 full level
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CPC (source: EP)
E05B 47/0615 (2013.01); **E05B 47/0638** (2013.01); **E05B 2009/046** (2013.01); **E05B 2045/0615** (2013.01); **E05B 2047/0095** (2013.01)

Citation (applicant)
WO 2018208154 A1 20181115 - BOLD SECURITY TECH B V

Citation (search report)
• [AD] WO 2018208154 A1 20181115 - BOLD SECURITY TECH B V
• [A] GB 2463943 A 20100407 - COOPER SECURITY LTD [GB]
• [A] EP 2569496 A1 20130320 - HENNIG HOLM [DE]

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

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