

Title (en)
MODULAR CYLINDER

Title (de)
MODULARER ZYLINDER

Title (fr)
CYLINDRE MODULAIRE

Publication
EP 3867466 A1 20210825 (EN)

Application
EP 18822508 A 20181017

Priority
IT 2018000131 W 20181017

Abstract (en)
[origin: WO2020079715A1] A modular cylinder (1) comprising at least one main unit (2) provided with a stator (3), designed to be coupled rigidly to the seat of a leaf, and a rotor (4), which can rotate within the stator (3) by virtue of the action of a respective key designed for the alignment of respective coding pins which is accommodated within a seat (5) of the rotor (4). The cylinder (1) comprises: at least one transmission element (6), which can be coupled in series to the main unit (2) optionally with the interposition of other transmission elements (6); at least one actuation device (7), which is provided with a bit (8) which is functionally associated, when the cylinder (1) is installed in the respective leaf, with at least one component chosen between a spring latch and a bolt; the actuation device (7) is interposed between at least two components chosen between the main unit (2) and a transmission element (6); at least one connecting bar (9), which is arranged in a substantially longitudinal direction and can be coupled rigidly and detachably to all the components of the cylinder (1); at least one spacer (10), which is coupled to the connecting bar (9) and is aligned with the actuation device (7); at least one means (11) for locking the at least one main unit (2) on the connecting bar (9), for the compaction in the configuration for use of the unit constituted by the at least one unit (2), the at least one transmission element (6) and the at least one actuation device (7). (Figure 3)

IPC 8 full level
E05B 9/04 (2006.01); **E05B 9/10** (2006.01); **E05B 17/00** (2006.01)

CPC (source: EP)
E05B 9/045 (2013.01); **E05B 9/10** (2013.01); **E05B 17/0062** (2013.01)

Citation (search report)
See references of WO 2020079715A1

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)
WO 2020079715 A1 20200423; EP 3867466 A1 20210825

DOCDB simple family (application)
IT 2018000131 W 20181017; EP 18822508 A 20181017