

Title (en)
PERIPHERAL ASSEMBLY FOR MULTIPOINT LOCKS

Title (de)
PERIPHERIEBAUGRUPPE FÜR MEHRPUNKT-SCHLÖSSER

Title (fr)
ENSEMBLE PÉRIPHÉRIQUE POUR SERRURES MULTIPOINTS

Publication
EP 3749821 B1 20220413 (EN)

Application
EP 18720025 A 20180207

Priority
IT 2018000017 W 20180207

Abstract (en)
[origin: WO2019155499A1] A peripheral assembly (1) for multipoint locks which comprises a box-like body (2) for accommodating at least one actuation rod (3) for at least one sliding latch (4) which is pivoted on an inner wall of the box-like body (2) and can move between an extracted configuration and a retracted configuration with respect to the box-like body (2) as a result of corresponding translations of the rod (3) along a path inside the box-like body (2) which is defined by at least one first slot (5) thereof within which at least one first plug (6) is engaged which is integral with an inner wall of the box-like body (2); the actuation rod (3) comprises at least one contoured second slot (7) for the slideable accommodation of a peg (8) for pivoting the at least one sliding latch (4); the peg (8) is provided with an eccentric projection (9) which can be accommodated, in the configuration of total extraction of the sliding latch (4), in a respective recess (10) of the second slot (7); at least one rocker arm (11), which is pivoted on the plug (6) which is integral with the inner wall of the box-like body (2), comprises an end tab (12) which is contoured and adapted to abut on a niche (13) of the rim of the sliding latch (4), of shape and dimensions substantially complementary to those of the tab (12), the insertion of the tab (12) into the niche (13) blocking the rotation of the sliding latch (4); a projection (14) of the rod (3), facing and protruding toward the inner wall of the box-like body (2) to which the plug (6) is coupled, is aligned with a portion of the at least one rocker arm (11); a translation of the rod (3) causes the abutment of the projection (14) on the portion of the rocker arm (11), with forcing of the rotation of the rocker arm (11), with respect to the plug (6), away from the niche 13 of the sliding latch 4.

IPC 8 full level
E05C 9/02 (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)
E05C 9/02 (2013.01); **E05C 9/1875** (2013.01)

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)
WO 2019155499 A1 20190815; EP 3749821 A1 20201216; EP 3749821 B1 20220413; ES 2914310 T3 20220609

DOCDB simple family (application)
IT 2018000017 W 20180207; EP 18720025 A 20180207; ES 18720025 T 20180207