

Title (en)
One motion lock

Title (de)
Eingaengiges Schloss

Title (fr)
Serrure unimarche

Publication
EP 1589169 A3 20080716 (EN)

Application
EP 05472002 A 20050412

Priority
• BG 10869204 A 20040420
• BG 10908605 A 20050318

Abstract (en)
[origin: EP1589169A2] The invention relates to one motion lock, which can be implemented for mounting into doors at homes, in the field of industry as a basic or supplemental lock, as well as for locking metal cases, electrical panels etc. The lock consists of a cover (12), a case (1), in which a bolt (2) is sliding by means of ledges (6) in two parallel rectangular slots (11), made in the case (1) or by means of grooves (6a), sliding on ledges (11a), said bolt (2) is connected to the lever (3) by means of a cylindrical pin (7), slidably received in a channel (8), made in the front side of the lever (3), whilst in the back side of the lever (3) is made a recess (22), in which a conveying element (4) is received, said element (4) being slidably moved by the cam (14) into the arc-shaped slots (13), (18), thus performing an arc-shaped movement in cooperation with the lever (3), the latter pushing the bolt (2) completely outwards.

IPC 8 full level
E05B 63/00 (2006.01); **E05B 63/08** (2006.01); **E05B 65/44** (2006.01)

CPC (source: EP)
E05B 63/0021 (2013.01)

Citation (search report)
• [A] GB 2353324 A 20010221 - YALE SECURITY PROD LTD [GB]
• [A] DE 29610086 U1 19960808 - DORMA GMBH & CO KG [DE]
• [A] NL 7807082 A 19800103 - LIPS SLOTENFAB

Cited by
EP2213818A3; CN105089380A; GB2466665A; CN102312610A; EP2405085A3; EP2213818A2; WO2012048350A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1589169 A2 20051026; EP 1589169 A3 20080716; BG 109086 A 20051031; DE 05472002 T1 20060309

DOCDB simple family (application)
EP 05472002 A 20050412; BG 10908605 A 20050318; DE 05472002 T 20050412