Title (en)
Lock unit for an escape door

Title (de)
Verriegelungsvorrichtung für eine Fluchttür

Title (fr)
Dispositif de verrouillage pour une porte d'évacuation

Publication
EP 1717391 A2 20061102 (EN)

Application
EP 06008763 A 20060427

Priority
IT TO20050284 A 20050428

Abstract (en)
A lock unit for an emergency door comprises a body (12), a spring latch (14) which is slidable between an extracted position and a retracted position with respect to the body (12) and is urged by elastic push means (20) which can be controlled by means of a first mechanism (4a, 62, 72, 82) which can be activated by the rotation of a first handle (4) associated to a first side (2a) of the body (12), and a pivotable bolt (26), movable between a resting position inside the body (12) and an active position in which it projects from the body (12). The bolt (26) can be moved by means of a slide element (24) as a result of the movement of a projection (32) of a cylinder which can be activated by a key (6), or by means of a second mechanism (50, 56, 92) which can be activated by rotating a second handle (8b; 8c). The second mechanism comprises a pivoting control member (92) which is coaxial to the lever element (62) and can be controlled by the rotation of the second handle (8b; 8c) independently from the rotation of the first handle (4).

IPC 8 full level
E05B 65/10 (2006.01); **E05B 59/00** (2006.01); **E05B 63/16** (2006.01)

CPC (source: EP)
E05B 65/1086 (2013.01); E05B 59/00 (2013.01); E05B 63/0013 (2013.01); E05B 63/0056 (2013.01); E05B 63/04 (2013.01); E05B 65/1066 (2013.01)

Cited by
CN111535661A; ITBO20090048A1; ES2361987A1; ES2361669A1; ITBO20090047A1; FR2993912A1; GB2507427A; GB2507427B; WO2011009989A3; US9222286B2; US10138660B2; US11572722B2

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1717391 A2 20061102; IT TO20050284 A1 20061029

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