

Title (en)
LOCKING DEVICE FOR A SLIDING WINDOW, SLIDING DOOR OR THE LIKE

Publication
EP 0409754 B1 19930526 (FR)

Application
EP 90440062 A 19900709

Priority
FR 8910030 A 19890721

Abstract (en)
[origin: EP0409754A1] The invention relates to a locking device for a door, window or the like, comprising a sliding leaf (1) equipped with a front upright in the form of a U-section (5) capable of engaging into a U-section (8) forming the corresponding upright of the frame (2) in the closing position, the bottoms (14, 10) of each of these U-sections (5, 8) maintaining a distance between them so as to delimit a free space (29) in which assume position, on the one hand, at least one hook bolt (20) fixed to an operating rod (19) and, on the other hand, at least one keeper (26) fastened in the U-section (8) of the frame (2). <??>To mitigate the problem of the free space (29) which, in the closing position, is delimited by the bottoms (14, 10) of the U-sections (5, 8) of the sliding leaf (1) and of the frame (2) respectively, particularly in the event of a reduction of the cross-section of one of these U-sections (5, 8), the locking device comprises, in the region of the operating rod (19), automatic compensation means which finally allow at least one hook bolt (20) and one keeper (25) of standard size to be inserted into this free space (29). <IMAGE>

IPC 1-7
E05B 65/08; **E05C 9/18**

IPC 8 full level
E05C 9/02 (2006.01); **E05B 65/08** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP US)
E05B 65/087 (2013.01 - EP US); **Y10S 292/46** (2013.01 - EP US); **Y10T 292/0911** (2015.04 - EP US)

Cited by
US6497072B2; FR2752866A1; EP0546336A1; EP0952284A1; FR2777588A1; US6270129B1; WO9830777A1

Designated contracting state (EPC)
AT BE CH DE DK ES GB GR IT LI NL SE

DOCDB simple family (publication)
EP 0409754 A1 19910123; **EP 0409754 B1 19930526**; AT E89890 T1 19930615; CA 2021183 A1 19910122; DE 69001725 D1 19930701; DE 69001725 T2 19930902; FR 2650025 A1 19910125; FR 2650025 B1 19941202; JP H03151481 A 19910627; US 5141267 A 19920825

DOCDB simple family (application)
EP 90440062 A 19900709; AT 90440062 T 19900709; CA 2021183 A 19900713; DE 69001725 T 19900709; FR 8910030 A 19890721; JP 19085790 A 19900720; US 55100090 A 19900710