

Title (en)
SAFETY DEVICE FOR HANDLES

Title (de)
SICHERHEITSVORRICHTUNG FÜR GRIFFE

Title (fr)
DISPOSITIF DE SÉCURITÉ POUR POIGNÉES

Publication
EP 3106591 B1 20180815 (EN)

Application
EP 16174786 A 20160616

Priority
IT UB20151506 A 20150618

Abstract (en)
[origin: EP3106591A1] It is disclosed a security device (1) for shutters and frames (100) of the type that comprise an activating lever (2) rotatable around a rotation axis (R-R) between at least one closed position and at least one open position, said activating lever (2) comprising a handle (3) and an operating shaft (4) to activate a clamping mechanism for shutters and frames, a washer (5) provided with a hub (9) for supporting said activating lever (2), and a covering element (7) adapted to cover at least partially said washer (5), said covering element (7) being provided with a through-hole (7a) for passing a coupling portion (12) of said activating lever (2), characterized in that said covering element (7) is movable between a distal position (P1) and a proximal position (P2) with respect to said washer (5) and in that it comprises countering elastic means (13) to hold said covering element (7) in said distal position (P1), and shape-interfering locking means (14) between said covering element (7) and said coupling portion (12) of the activating lever (2) to prevent the rotation of the activating lever (2) when said covering element (7) is in said distal position (P1), and to allow the rotation of the activating lever (2) when said covering element (7) is in said proximal position (P2). It is also disclosed a method for locking and unlocking a handle (3) by means of a security device (1) for shutters and frames (100) characterized by comprising the steps of a) rotating the activating lever (2) to lead it in said at least one closed position, b) locking the handle (3) by leading the covering element (7) in a distal position (P1) with respect to the washer (5), c) unlocking the handle (3) by leading said covering element (7) in a proximal position (P2) with respect to the washer (5) and d) rotating the activating lever (2) to lead it in at least one open position, wherein said step b) is carried out by means of shape-interfering locking means (14) between the covering element (7) and a coupling portion (12) of the activating lever (2).

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Cited by
EP3819445A1; GB2600745A; US11879266B2

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