

Title (en)

Security device for shutter hooks

Title (de)

Sicherheitsvorrichtung für Ladenhaken

Title (fr)

Dispositif de sécurité pour crochets de volet

Publication

**EP 1191174 B1 20040616 (FR)**

Application

**EP 01420196 A 20010917**

Priority

FR 0012130 A 20000920

Abstract (en)

[origin: EP1191174A1] The security device comprises a lever (6) and a spring (8) mounted on a support plate (1) positioned above the end (4a) of the hook (2) after its engagement on the angled branch (5a) in order to avoid its being lifted. The lever and spring are arranged to be temporarily manually retracted in order to release the end and to be automatically released under the effect of the introduction of the end.

IPC 1-7

**E05C 17/14**; E05C 19/10; E05C 7/00

IPC 8 full level

**E05C 17/14** (2006.01); **E05C 19/10** (2006.01); **E05B 15/02** (2006.01); **E05B 17/20** (2006.01); **E05C 7/00** (2006.01)

CPC (source: EP)

**E05C 17/14** (2013.01); **E05C 19/10** (2013.01); **E05B 15/022** (2013.01); **E05B 17/2003** (2013.01); **E05C 7/00** (2013.01)

Cited by

GB2613892A; US2014159381A1; US9631405B2; GB2567264A; GB2567264B

Designated contracting state (EPC)

AT CH DE LI

DOCDB simple family (publication)

**EP 1191174 A1 20020327**; **EP 1191174 B1 20040616**; AT E269471 T1 20040715; DE 60103827 D1 20040722; DE 60103827 T2 20050714; FR 2814192 A1 20020322; FR 2814192 B1 20030829

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**EP 01420196 A 20010917**; AT 01420196 T 20010917; DE 60103827 T 20010917; FR 0012130 A 20000920