

Title (en)

Device for connecting a roller shutter to a roller

Title (de)

Vorrichtung zum Verbinden eines Rollvorhangs mit einer Wickelwelle

Title (fr)

Dispositif pour connecter un volet roulant à un arbre d'enroulement

Publication

EP 1213436 A3 20030917 (DE)

Application

EP 01125943 A 20011031

Priority

DE 20020733 U 20001207

Abstract (en)

[origin: EP1213436A2] A method for fitting a roller shutter to a hollow reel (3) uses spring tags (4) with a clip fitting to the reel and with a hinge joint (5) to the top of the upper element (1) of the shutter. The reel fitting uses a clamping plate (8) with grip fingers to reach through holes (14) in the end of the tag and slot into holes (19) in the hollow reel. The locking plates are secured by a twist action. If the closed shutter is forced up, from the outside, the spring tags hold the upper element away from the reel and under the top of the window aperture, i.e. the shutter cannot be levered up.

IPC 1-7

E06B 9/173

IPC 8 full level

E06B 9/173 (2006.01)

CPC (source: EP)

E06B 9/173 (2013.01)

Citation (search report)

- [X] DE 29603976 U1 19960425 - SOMFY [FR]
- [DA] DE 3606554 A1 19870903 - HUBER LOTHAR
- [A] FR 2547617 A1 19841221 - GRIESSER SA [FR]

Cited by

EP1619346A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

DE 20020733 U1 20010222; DE 50112955 D1 20071018; EP 1213436 A2 20020612; EP 1213436 A3 20030917; EP 1213436 B1 20070905

DOCDB simple family (application)

DE 20020733 U 20001207; DE 50112955 T 20011031; EP 01125943 A 20011031