

Title (en)

Device and method for inserting a roller blind to the upper beam of a frame

Title (de)

Vorrichtung und Verfahren zum Einsetzen eines Rollladens am oberen Querteil einer Zarge

Title (fr)

Dispositif et procédé pour la pose d'un volet roulant en partie haute d'une huisserie

Publication

**EP 1655446 A1 20060510 (FR)**

Application

**EP 05292293 A 20051028**

Priority

FR 0411861 A 20041108

Abstract (en)

The device has two connecting parts (24) and two slides (26) that slides vertically with respect to a rail (12) integrated to a side of a frame. A pin (44) in a piercing (50A) of rails maintains the slide in lower and upper positions with respect to the rails. Each connection part is connected to the slide by immobilizing with respect to the slide using a tab (42) and a hook (32). An independent claim is also included for a process to install a roller blind, having a shaft carried by a support, in top part of a frame.

IPC 8 full level

**E04F 10/06** (2006.01); **E06B 9/17** (2006.01)

CPC (source: EP)

**E04F 10/0662** (2013.01); **E06B 9/1703** (2013.01)

Citation (search report)

- [A] EP 1045107 A1 20001018 - BUBENDORFF VOLET ROULANT SA [FR]
- [A] DE 4106236 A1 19920903 - BESLER ARMIN [DE]
- [A] FR 2708033 A1 19950127 - DEPRAT SA ETS JEAN [FR]
- [A] US 1852270 A 19320405 - NATHAN SLOBOTKIN

Citation (third parties)

Third party :

"Plans - A,F,G; description of installation - B; Technical leaflets - C,D,E of the firm Les Zelles", ANNOUNCEMENT LES ZELLES, XX, XX, 1 January 1900 (1900-01-01), XX, pages 1 - 7, XP003008110

Cited by

JP2015117556A; EP1997999A3; FR2916792A1; WO2021021053A1

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

DOCDB simple family (publication)

**EP 1655446 A1 20060510; EP 1655446 B1 20150401**; ES 2540528 T3 20150710; FR 2877688 A1 20060512; FR 2877688 B1 20070202; RU 2005134438 A 20070527; RU 2382161 C2 20100220

DOCDB simple family (application)

**EP 05292293 A 20051028**; ES 05292293 T 20051028; FR 0411861 A 20041108; RU 2005134438 A 20051107