

Title (en)

An assembly of rolling shutter with guides, especially for roof window and a method for installing the same

Title (de)

Außenrollladen mit Führungsschienen für Dachfenster und seine Montage

Title (fr)

L'ensemble du store avec les glissières, spécialement pour la fenetre de toit et le mode de montage du store avec les glissières.

Publication

**EP 2650463 A3 20131127 (EN)**

Application

**EP 13161898 A 20130402**

Priority

PL 39879012 A 20120411

Abstract (en)

[origin: EP2650463A2] The assembly of rolling shutter with guides comprises the casing ( 1 ) containing the shaft for winding the flexible screen, and the guides for sliding beam ( 2 ) attached to this screen; the said beam during its movement away from the casing is driven by cords ( 6 ) threaded over the return pulleys ( 51 ) located in return assemblies ( 5 ). During installation of the casing ( 1 ) on the roof window, return assemblies with cords ( 6 ) connected to the supporting beam (2) are detachably attached to the casing (1) to form the mounting kit together with it. After installation, in ready for use configuration, the return assemblies ( 5 ) are connected to remote ends of screen guides ( 3 ) by polygonal tenons ( 52 ). The sliding beam contains the tensioning assembly in the form of springs which tension the cords. The tensioning assembly is equipped with locking means which neutralise the tensioning action of springs by fixing them in such positions that the cords are given slack. The method for installation of the assembly of rolling shutter with guides consists in that the mounting kit is installed and attached to the top of roof window, the said mounting kit containing the casing ( 1 ) with detachably attached return assemblies ( 5 ) with cords ( 6 ) threaded through them. Then return assemblies ( 5 ) are detached from the casing, the cords ( 6 ) are uncoiled, return assemblies ( 5 ) are connected to guides ( 3 ) and joined with the casing ( 1 ). Finally, the locks for tensioning springs are removed from the sliding beam.

IPC 8 full level

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CPC (source: EP)

**E04D 13/033** (2013.01); **E06B 9/08** (2013.01); **E06B 9/58** (2013.01); **E06B 2009/583** (2013.01)

Citation (search report)

- [AD] WO 2006074654 A1 20060720 - VKR HOLDING AS [DK], et al
- [A] DE 19807541 C1 19990729 - ROMER JOSEF [DE]
- [A] WO 0206621 A1 20020124 - VKR HOLDING AS [DK], et al

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EP4006255A1; WO2021104594A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2650463 A2 20131016; EP 2650463 A3 20131127; EP 2650463 B1 20140618**; PL 219780 B1 20150731; PL 398790 A1 20131014

DOCDB simple family (application)

**EP 13161898 A 20130402**; PL 39879012 A 20120411