

Title (en)

METHOD, ROLLER SHUTTER DRIVE AND USE OF AN AID FOR FITTING A ROLLER SHUTTER

Title (de)

MONTAGEVERFAHREN, ROLLTORANTRIEBSVORRICHTUNG UND VERWENDUNG EINER MONTAGEHILFSVORRICHTUNG FÜR EIN ROLLTOR

Title (fr)

PROCEDE DE MONTAGE, ENTRAINEMENT D'UN RIDEAU ROULANT ET UTILISATION D'UN DISPOSITIF AUXILIAIRE DE MONTAGE POUR UN RIDEAU ROULANT

Publication

EP 2596197 B1 20151125 (DE)

Application

EP 11733878 A 20110719

Priority

- DE 102010031733 A 20100721
- EP 2011062388 W 20110719

Abstract (en)

[origin: WO2012022567A1] The invention relates to a method for fitting a roller shutter (10) which has a winding shaft (14), a roller-shutter body (152), which can be wound up on the winding shaft (14), a rotary bearing means (16), for bearing the winding shaft (14) in a rotatable manner, a roller-shutter drive motor (50), for driving the winding shaft (14) during operation of the roller shutter (10), and a counterweighting device (36). In order for it to be possible, using straightforward means, to fit a roller shutter in a cost-effective and environmentally friendly manner, it is proposed to carry out the following steps: a) fitting the winding shaft (14), without the roller-shutter body, by way of the rotary bearing means (16) at the site of use, c) driving the winding shaft (14) with a first transmission ratio by means of the roller-shutter drive motor (50), in order for the roller-shutter body (152) to be drawn onto the winding shaft (14) by virtue of the winding shaft (14) being rotated, d) connecting the counterweighting device (36) to the winding shaft (14), and e) changing the transmission ratio between the roller-shutter drive motor (50) and winding shaft (14) for operation to a second transmission ratio, which is smaller than the first transmission ratio. Also proposed are a fitting aid (12) and a roller-shutter drive means (18) for implementing the method.

IPC 8 full level

E06B 9/70 (2006.01); **E06B 9/08** (2006.01); **E06B 9/11** (2006.01); **E06B 9/171** (2006.01); **E06B 9/62** (2006.01)

CPC (source: EP)

E06B 9/11 (2013.01); **E06B 9/171** (2013.01); **E06B 9/62** (2013.01); **E06B 9/70** (2013.01)

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

DOCDB simple family (publication)

DE 102010031733 A1 20120126; EP 2596197 A1 20130529; EP 2596197 B1 20151125; PL 2596197 T3 20160729; WO 2012022567 A1 20120223

DOCDB simple family (application)

DE 102010031733 A 20100721; EP 11733878 A 20110719; EP 2011062388 W 20110719; PL 11733878 T 20110719