

Title (en)

ADJUSTABLE VERTICAL REINFORCEMENT ELEMENT FOR A DOOR OR WINDOW SASH THAT IS MOVABLE FROM ONE PLANE TO A PARALLEL PLANE

Title (de)

EINSTELLBARE VERTIKALAUSSTEIFUNG MIT KULISSE FÜR EINEN ABSTELLBAREN FLÜGEL EINES FENSTERS ODER EINER TÜR

Title (fr)

ÉLÉMENT DE RENFORCEMENT VERTICAL RÉGLABLE POUR VANTAIL DE FENÊTRE OU PORTE POUVANT ÊTRE DÉPLACÉE D'UN PLAN VERS UN PLAN PARALLÈLE

Publication

EP 3146134 A1 20170329 (DE)

Application

EP 15719215 A 20150428

Priority

- DE 102014209915 A 20140523
- EP 2015059168 W 20150428

Abstract (en)

[origin: WO2015176924A1] The invention relates, in summary, to a vertical bracing (10) for a door or window leaf. The vertical bracing (10) allows compensation for twisting of a vertical member (20) relative to a horizontal member (30) of the door or window leaf. The vertical bracing (10) has a lowering means (14), in particular in the form of a pin, which is designed to engage in the horizontal member (30) at one end and engages in a rotation element (18) of the vertical bracing (10) at the other end. The rotation element (18) is rotatable about its longitudinal axis, but fastened in the direction of its longitudinal axis to a mounting element (16), in particular in the form of a plate, which is fastenable to the vertical member (20). The rotation element (18) has a connecting link guide (34) into which the one end (32) of the lowering means (14) engages. The connecting link guide (34) can be designed in a stepped form. The rotation element (18) has a tool engagement point for actuation thereof, preferably on the face. A rotation of the rotation element (18) causes a swiveling of the lowering means (14) relative to the mounting element (16), by means of which twisting of the door or window leaf can be compensated for.

IPC 8 full level

E05D 15/10 (2006.01)

CPC (source: CN EP RU)

E05D 15/1013 (2013.01 - CN EP RU); **E05Y 2201/638** (2013.01 - EP); **E05Y 2600/20** (2013.01 - EP); **E05Y 2600/312** (2013.01 - EP); **E05Y 2600/62** (2013.01 - EP); **E05Y 2800/176** (2013.01 - EP); **E05Y 2800/682** (2013.01 - EP); **E05Y 2900/148** (2013.01 - EP)

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)

DE 102014209915 B3 20150702; CN 106460429 A 20170222; CN 106460429 B 20180316; EP 3146134 A1 20170329; EP 3146134 B1 20190410; ES 2730022 T3 20191107; PL 3146134 T3 20190731; RU 2016149659 A 20180625; RU 2016149659 A3 20180910; RU 2671764 C2 20181106; TR 201909248 T4 20190722; WO 2015176924 A1 20151126

DOCDB simple family (application)

DE 102014209915 A 20140523; CN 201580027320 A 20150428; EP 15719215 A 20150428; EP 2015059168 W 20150428; ES 15719215 T 20150428; PL 15719215 T 20150428; RU 2016149659 A 20150428; TR 201909248 T 20150428