

Title (en)

DEVICE FOR FASTENING A PANEL-SHAPED COMPONENT IN A RECEIVING GROOVE OF A CARRYING RAIL

Title (de)

VORRICHTUNG ZUM BEFESTIGEN EINES PLATTENFÖRMIGEN BAUTEILS IN EINER AUFNAHMENUT EINER TRAGSCHIENE

Title (fr)

DISPOSITIF SERVANT À FIXER UN ÉLÉMENT EN FORME DE PLAQUE DANS UNE RAINURE DE RÉCEPTION D'UN RAIL DE SUPPORT

Publication

EP 3472403 A1 20190424 (DE)

Application

EP 17739266 A 20170712

Priority

- DE 102016112775 A 20160712
- EP 2017067626 W 20170712

Abstract (en)

[origin: CA3030664A1] The invention relates to a device (14) for fastening a panel-shaped component (12) in a receiving groove (16) of a carrying rail (10), comprising - a holding element (26) for holding the panel-shaped component (12) in the receiving groove (16) such that an end face (28) of the panel-shaped component (12) introduced into the receiving groove (16) is supported on the bottom (18) of the receiving groove (16) via the holding element (26), - two clamping elements (30, 32) for clamping the panel-shaped component (12) between the flanks (20, 22) of the receiving groove (16), and - at least one tension anchor (34) for positioning the clamping elements (30, 32). There is provision that the tension anchor (34) or at least one of the tension anchors (34) is designed to be flexible and reaches over from the one side of the panel-shaped component (12) around the end face (28) of the panel-shaped component (12) to the clamping element (32), which is to be positioned by said flexible tension anchor (34), on the other side of the panel-shaped component (12) that is opposite to the one side. The invention further relates to the use of such a device (14) and to a fastening system having such a device (14).

IPC 8 full level

E04F 11/18 (2006.01)

CPC (source: EP US)

E04F 11/1817 (2013.01 - US); **E04F 11/1851** (2013.01 - EP US); **E04F 11/1853** (2013.01 - EP US); **E04F 2011/1823** (2013.01 - EP US)

Citation (search report)

See references of WO 2018011309A1

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 102016112775 B3 20171005; AU 2017297774 A1 20190131; CA 3030664 A1 20180118; CA 3030664 C 20200728; EP 3472403 A1 20190424; EP 3472403 B1 20191218; ES 2770127 T3 20200630; HR P20200223 T1 20200529; PL 3472403 T3 20200629; US 10640985 B2 20200505; US 2019249442 A1 20190815; WO 2018011309 A1 20180118; ZA 201808273 B 20190828

DOCDB simple family (application)

DE 102016112775 A 20160712; AU 2017297774 A 20170712; CA 3030664 A 20170712; EP 17739266 A 20170712; EP 2017067626 W 20170712; ES 17739266 T 20170712; HR P20200223 T 20200211; PL 17739266 T 20170712; US 201716316773 A 20170712; ZA 201808273 A 20181207