

Title (en)
CARRIER UNIT FOR A LIFT FACILITY

Title (de)
TRÄGEREINHEIT FÜR EINE AUFZUGANLAGE

Title (fr)
UNITÉ DE SUPPORT POUR UNE INSTALLATION D'ASCENSEUR

Publication
EP 3286124 B1 20190605 (DE)

Application
EP 16716623 A 20160418

Priority
• EP 15164278 A 20150420
• EP 2016058506 W 20160418

Abstract (en)
[origin: WO2016169877A1] A support unit (1) for the fastening of a diverting roller (5) to a support structure (13) is proposed, such as can be used for supporting a cabin in an elevator installation. The support unit has two yoke beams (3) and a bearing arrangement (7) for the diverting roller (5). The yoke beams (3) are arranged parallel to one another and are provided for fastening to the support structure (13). The support unit (1) is distinguished by the fact that, on the support unit (1), there are also provided at least two retention securing means (9) which are in each case fastened to the yoke beams (3) and which project into the intermediate space (11) between the yoke beams (3) such that, in the event of failure of the bearing arrangement (7), said retention securing means form a stop in order to prevent the diverting roller (5) from moving in the support direction (31) under the action of the support force. The proposed support unit (1) is stable, is of simple construction and is of space-saving design.

IPC 8 full level
B66B 11/02 (2006.01); **B66B 17/12** (2006.01)

CPC (source: EP US)
B66B 11/0206 (2013.01 - EP US); **B66B 17/12** (2013.01 - EP US)

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)
EP 3085656 A1 20161026; AU 2016251203 A1 20171102; AU 2016251203 B2 20190321; BR 112017020727 A2 20180626;
CN 107531460 A 20180102; CN 107531460 B 20190705; EP 3286124 A1 20180228; EP 3286124 B1 20190605; MY 185527 A 20210519;
US 10526171 B2 20200107; US 2018086602 A1 20180329; WO 2016169877 A1 20161027

DOCDB simple family (application)
EP 15164278 A 20150420; AU 2016251203 A 20160418; BR 112017020727 A 20160418; CN 201680023065 A 20160418;
EP 16716623 A 20160418; EP 2016058506 W 20160418; MY PI2017703880 A 20160418; US 201615567110 A 20160418