

## Title (en)

Adjustable mounting device for a sliding element and sliding device

## Title (de)

Justierbare Montagevorrichtung für ein Schiebeelement sowie Schiebevorrichtung

## Title (fr)

Dispositif de montage réglable pour un élément coulissant et dispositif coulissant

## Publication

**EP 2851496 A1 20150325 (DE)**

## Application

**EP 13185056 A 20130918**

## Priority

EP 13185056 A 20130918

## Abstract (en)

[origin: CA2860053A1] The mounting device (10) comprises a connecting bolt (5), with which a plate-shaped sliding element (4) is connectable to a carriage (2) that is held displaceable in a running rail (3). The mounting device (10) comprises a holding rail (6), which is mountable in a recess (40) provided at the upper side (41) of the sliding element (4), and a holding device (1) that is held releasably in the holding rail (6) and that comprises a bearing device (11, 12), in which an adjustment screw (13) is rotatably held, which adjustment screw (13) comprises a screw shaft (132) that, aligned along a screw axis (y), engages in a threaded member (141) of a track body (14), which is movable along the screw axis (y) and which comprises two track walls (143A, 143B) that are aligned in parallel to one another and that comprise each a track element (142), in which guide elements (152) are engaged that are connected to the connecting bolt (5), which is held in a guide member (125) displaceable along a guide axis (x). According to the invention a track sledge (15) is provided that is equipped on opposite sides with the guide elements (152) that are engaged in the track element (142) of the track body (14) and wherein the connecting bolt comprises a first connecting part (51) that is held in the track sledge (15), a second connecting part (52) that is held in the guide member (125) and a third connecting part (53) that is connectable to the carriage (2).

## Abstract (de)

Die justierbare Montagevorrichtung (10) dient der Verbindung eines Schiebeelements (4), insbesondere einer Schiebetür, mit einem Laufwerk (2), das in einer Laufschiene (3) verschiebbar gelagert ist. Die Montagevorrichtung (10) umfasst eine Halteschiene (6), die an der Oberseite (41) des Schiebeelements (4) oder in einer Ausnehmung (40) an der Oberseite (41) des Schiebeelements (4) befestigbar ist, sowie eine Haltevorrichtung (1), die in der Halteschiene (6) lösbar gehalten ist und die ein justierbares Verbindungselement (5) hält, welches mit dem Laufwerk (2) verbindbar ist. Erfindungsgemäss weist die Haltevorrichtung (1) ein Führungsteil (125) und eine Lagervorrichtung (11, 12) auf, in der eine Justierschraube (13) drehbar gelagert ist, deren Schaft (132) entlang einer Schraubenachse (y) in ein Gewindeteil (141) in einem Kulissenkörper (14) eingreift, der entlang der Schraubenachse (y) verschiebbar ist und der wenigstens ein geneigt zur Schraubenachse (y) verlaufendes Kulissenelement (142) aufweist, entlang dem ein Kulissenschlitten (15) verschiebbar gehalten ist, welcher mit dem Verbindungselement (5) verbunden ist, das durch das Führungsteil (125) hindurch entlang einer Führungssachse (x) verschiebbar ist.

## IPC 8 full level

**E05D 15/06** (2006.01)

## CPC (source: CN EP US)

**E05D 15/06** (2013.01 - US); **E05D 15/063** (2013.01 - US); **E05D 15/0634** (2013.01 - CN EP US); **E05D 15/0652** (2013.01 - US); **E05Y 2201/638** (2013.01 - CN EP US); **E05Y 2600/31** (2013.01 - CN EP US); **E05Y 2600/312** (2013.01 - CN EP US)

## Citation (applicant)

- EP 0818598 A1 19980114 - HAWA AG [CH]
- WO 2011063535 A1 20110603 - EKU AG [CH], et al

## Citation (search report)

- [XAI] WO 2004040091 A1 20040513 - SUGATSUNE KOGYO [JP], et al
- [XAY] WO 2011161707 A1 20111229 - S C S P A [IT], et al
- [XAI] WO 9738198 A1 19971016 - SARLANIS EVAGELOS [GR]
- [YA] DE 3338146 A1 19840719 - BAUS HEINZ GEORG

## Cited by

WO2020058182A1

## 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 2851496 A1 20150325**; AU 2014227465 A1 20150402; AU 2014227465 B2 20180510; CA 2860053 A1 20150318; CA 2860053 C 20180717; CL 2014002482 A1 20150116; CN 104453523 A 20150325; CN 104453523 B 20170412; EP 2851497 A1 20150325; EP 2851497 B1 20220209; ES 2909960 T3 20220511; HK 1208060 A1 20160219; KR 102328957 B1 20211119; KR 20150032484 A 20150326; MX 2014011108 A 20150326; MX 347673 B 20170508; MY 179617 A 20201111; NZ 629127 A 20160226; SG 10201405284P A 20150429; TW 201529949 A 20150801; TW 1649491 B 20190201; US 2015074942 A1 20150319; US 9341011 B2 20160517

## DOCDB simple family (application)

**EP 13185056 A 20130918**; AU 2014227465 A 20140917; CA 2860053 A 20140821; CL 2014002482 A 20140917; CN 201410475091 A 20140917; EP 14183565 A 20140904; ES 14183565 T 20140904; HK 15108695 A 20150907; KR 20140122749 A 20140916; MX 2014011108 A 20140917; MY PI2014002509 A 20140828; NZ 62912714 A 20140822; SG 10201405284P A 20140827; TW 103132334 A 20140918; US 201414477537 A 20140904