

Title (en)

Self-aligning union for elevator guides

Title (de)

Selbstausrichtende Verbindung für Aufzugsführungsschienen

Title (fr)

Union auto-alignante, pour guides d'ascenseur

Publication

**EP 2514705 A1 20121024 (FR)**

Application

**EP 12380017 A 20120404**

Priority

ES 201130614 A 20110418

Abstract (en)

The coupling has lower and upper plates (2, 3) provided at bottom and top of wings (14) and comprising respective orifices (21, 31) corresponding to orifices (141) of guides (1). The orifices of the upper plate have diameter larger than that of the wings. Distance between the orifices of the upper plate is shorter than that of the wings. A retention unit (4) e.g. screws (41) and nuts (42), in the orifices applies pressure and compresses the wings between the plates while exerting light side pressure on the guides so as to be aligned due to difference between the diameters and the distances.

Abstract (fr)

Union auto-alignante, pour guides d'ascenseur, disposant d'une âme-champignon (13) et d'ailes (14). Chaque aile (14) dispose d'un orifice passant (141) dans sa zone d'union et l'on dispose: - sous les ailes (14) une plaque (2) extra-plate, pourvue de quatre orifices passants (21) correspondants aux orifices (141) des guides (1) à unir; - au-dessus des ailes (14) des plaques (3) extra-plates, chacune étant pourvue de deux orifices passants (31) correspondants aux deux orifices (141) de deux guides (1) à unir. - dans ces orifices (141), (31) y (21), des vis de retenue (41) fixés par des écrous (42); ces vis (41) présentant une tête conique (411). Les orifices (31) des plaques (3) ont un diamètre supérieur aux orifices (141) des ailes (14). La distance entre les orifices (31) des plaques (3) est inférieure à la distance entre les deux orifices (141) des ailes (14) d'un même côté.

IPC 8 full level

**B66B 7/02** (2006.01)

CPC (source: EP ES US)

**B66B 7/026** (2013.01 - EP ES US); **Y10T 403/50** (2015.01 - US)

Citation (applicant)

ES 2320949 A1 20090529 - DE VERA SAVERA SA [ES]

Citation (search report)

- [A] ES 2320949 A1 20090529 - DE VERA SAVERA SA [ES]
- [A] EP 1498381 A1 20050119 - MONTEFERRO S P A [IT]

Cited by

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Designated extension state (EPC)

BA ME

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**EP 2514705 A1 20121024; EP 2514705 B1 20160608**; CN 102745570 A 20121024; CN 102745570 B 20160210; ES 2400662 A2 20130411; ES 2400662 B1 20140923; ES 2400662 R1 20131216; ES 2581867 T3 20160907; US 2012263554 A1 20121018; US 8696230 B2 20140415

DOCDB simple family (application)

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