

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 B1 20160608 (FR)

Application

EP 12380017 A 20120404

Priority

ES 201130614 A 20110418

Abstract (en)

[origin: EP2514705A1] 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.

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)

Cited by

DE102021113599A1

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 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)

EP 12380017 A 20120404; CN 201210114862 A 20120418; ES 12380017 T 20120404; ES 201130614 A 20110418; US 201213440778 A 20120405