Title (en)
ANGULAR GUIDE PLATE AND SYSTEM FOR FIXING A RAIL

Title (de)
WINKELFÜHRUNGSPLATTE UND SYSTEM ZUM BEFESTIGEN EINER SCHIENE

Title (fr)
PLAQUE DE GUIDAGE ANGULAIRE ET SYSTÈME DE FIXATION D'UN RAIL

Publication
EP 2318587 B1 20150819 (DE)

Application
EP 09779888 A 20090623

Priority
• EP 2009057804 W 20090623
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Abstract (en)
[origin: US2011138734A1] A rail securing system comprising at least one angle guide plate allows a perfect retention of the tension clamp in its pre-assembly position and facilitates final assembly. The angle guide plate has recess, which is designed as a seat for a free end section of a spring arm of a tension clamp to be mounted on the angle guide plate, wherein the recess engages around the end section by less than half of its circumference. The transition between the recess and the section of the angle guide plate which follows on from the recess in the direction of the rail is formed such as to be free of any abrupt change, so that the tension clamp can be pushed in a simple manner on the angle guide plate into its assembly position.

IPC 8 full level
E01B 9/30 (2006.01)

CPC (source: EP US)
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DOCDB simple family (publication)
US 2011138734 A1 20110616; **US 8668152 B2 20140311**; AR 072862 A1 20100929; AU 2009268236 A1 20100114; AU 2009268236 B2 20160609; CA 2727108 A1 20100114; CA 2727108 C 20161011; CL 2011000005 A1 20110715; CN 102089478 A 20110608; CN 102089478 B 20140219; DE 102008032353 B3 20091015; DE 202008012236 U1 20090423; DK 2318587 T3 20151019; EA 027248 B1 20170731; EA 201001830 A1 20111031; EP 2318587 A1 20110511; EP 2318587 B1 20150819; ES 2547078 T3 20151001; IL 209765 A0 20110228; IL 209765 A 20140831; JP 2011527391 A 20111027; JP 5607619 B2 20141015; MA 32541 B1 20110801; MY 169780 A 20190515; PL 2318587 T3 20151130; SA 109300451 B1 20141016; TW 201009166 A 20100301; TW I448605 B 20140811; UA 103484 C2 20131025; UY 31967 A 20100129; WO 2010003817 A1 20100114

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US 99690209 A 20090623; AR P090102530 A 20090707; AU 2009268236 A 20090623; CA 2727108 A 20090623; CL 2011000005 A 20110104; CN 200980126923 A 20090623; DE 102008032353 A 20080709; DE 202008012236 U 20080709; DK 09779888 T 20090623; EA 201001830 A 20090623; EP 09779888 A 20090623; EP 2009057804 W 20090623; ES 09779888 T 20090623; IL 20976510 A 20101205; JP 2011517077 A 20090623; MA 33587 A 20110208; MY PI2010005904 A 20090623; PL 09779888 T 20090623; SA 109300451 A 20090708; TW 98122006 A 20090630; UA A201015428 A 20090623; UY 31967 A 20090707