

Title (en)

YAWING SUPPRESSION DEVICE FOR RAILWAY VEHICLE AND RAILWAY VEHICLE INCLUDING SAME

Title (de)

GIERUNTERDRÜCKUNGSVORRICHTUNG FÜR EIN SCHIENENFAHRZEUG UND SCHIENENFAHRZEUG DAMIT

Title (fr)

DISPOSITIF DE SUPPRESSION DE LACET POUR VÉHICULE FERROVIAIRE ET VÉHICULE FERROVIAIRE COMPORTANT LEDIT DISPOSITIF DE SUPPRESSION DE LACET

Publication

EP 3546313 A4 20200729 (EN)

Application

EP 17873478 A 20171121

Priority

- JP 2016227734 A 20161124
- JP 2017041731 W 20171121

Abstract (en)

[origin: EP3546313A1] Disclosed is a yawing suppression device (100) of a railway vehicle which includes: a torsion bar (101); a first connecting member (110) which connects a first bogie (11) and a first portion of the torsion bar (101) with each other; and a second connecting member (120) which connects a second bogie (12) and a second portion of the torsion bar (101) with each other. The first and second connecting members (110, 120) connect the torsion bar (101) with the respective first and second bogies (11, 12) such that torsion in a circumferential direction is generated in the torsion bar (101) in a state where a relative position of the first bogie (11) in a horizontal direction with respect to a center line of the vehicle body (13) in a width direction is out of alignment with a relative position of the second bogie (12) in the horizontal direction with respect to the center line of the vehicle body (13) in the width direction. The yawing suppression device (100) can be manufactured at lower cost and has high reliability.

IPC 8 full level

B61F 5/24 (2006.01)

CPC (source: EP)

B61F 5/24 (2013.01); **B61F 5/50** (2013.01)

Citation (search report)

- [A] CN 203332133 U 20131211 - ZHUZHOU TIMES NEW MAT TECH CO
- [A] JP 2001151109 A 20010605 - SUMITOMO METAL IND
- See references of WO 2018097111A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3546313 A1 20191002; **EP 3546313 A4 20200729**; CN 109863071 A 20190607; CN 109863071 B 20201215; JP 6747518 B2 20200826; JP WO2018097111 A1 20190624; WO 2018097111 A1 20180531

DOCDB simple family (application)

EP 17873478 A 20171121; CN 201780065382 A 20171121; JP 2017041731 W 20171121; JP 2018552577 A 20171121