

Title (en)

Traction and buffing device for railway vehicles

Title (de)

Zug- und Stosseinrichtung für Schienenfahrzeuge

Title (fr)

Dispositif de tamponnement et de traction pour véhicules ferroviaires

Publication

EP 1247715 B1 20101027 (DE)

Application

EP 01130585 A 20011221

Priority

CH 6222001 A 20010403

Abstract (en)

[origin: EP1247715A1] Pulling and pushing device comprises a central coupling rod (1) fixed to a rail vehicle on both sides using a fixing device (5) provided with a hinge (7). The rotating point (29) of the hinge of each fixing device lies in the region of or behind a power inlet surface (26) via which collision forces are conveyed from the coupling rod to each fixing device. Devices are arranged between the power inlet surface and the coupling rod to push the power transfer center of gravity for collision forces in the deviating direction of the coupling rod. <??>Preferred Features: The power inlet surface is arranged on the front side of a fixing device by which the fixing device is fixed to the rail vehicle. The fixing device has a flange (8) on which the power inlet surface is arranged.

IPC 8 full level

B61G 9/06 (2006.01); **B61G 5/02** (2006.01); **B61G 9/00** (2006.01); **B61G 9/04** (2006.01)

IPC 8 main group level

B61G (2006.01)

CPC (source: EP)

B61G 9/06 (2013.01)

Cited by

DE102005031598B4; CN107531258A; DE102005033849B4; DE102015205434A1; DE102015221824A1; RU2748829C1; DE10210059C1; DE10202241C1; EP1946988A1; EP1747960A3; DE102008008214A1; WO2016174135A1; EP4112416A1; WO2023275147A1; US10246108B2; EP4112415A1; WO2023275151A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

RO

DOCDB simple family (publication)

EP 1247715 A1 20021009; EP 1247715 B1 20101027; AT E485988 T1 20101115; CZ 2002954 A3 20021113; CZ 298095 B6 20070620; DE 50115675 D1 20101209; NO 20021532 D0 20020326; NO 20021532 L 20021004; NO 328742 B1 20100503; PL 200650 B1 20090130; PL 353048 A1 20021007; SK 287429 B6 20100907; SK 3922002 A3 20021106

DOCDB simple family (application)

EP 01130585 A 20011221; AT 01130585 T 20011221; CZ 2002954 A 20020315; DE 50115675 T 20011221; NO 20021532 A 20020326; PL 35304802 A 20020327; SK 3922002 A 20020319