

Title (en)

RAILED VEHICLE WITH BODIES AND AT LEAST ONE CHASSIS

Title (de)

SCHIENENFAHRZEUG MIT WAGENKASTEN UND MINDESTENS EINEM FAHRWERK

Title (fr)

VEHICULE SUR RAILS COMPORTANT UNE SUPERSTRUCTURE ET AU MOINS UN CHASSIS

Publication

EP 1259411 B1 20041222 (DE)

Application

EP 01931486 A 20010228

Priority

- DE 10010610 A 20000303
- EP 0102219 W 20010228

Abstract (en)

[origin: US2003221581A1] A railed vehicle with bodies and at least one chassis is disclosed, rotatably mounted about a vertical axis, whereby rotating coupling elements are provided between chassis and body. At least two tie rods (6, 7, 6', 7', 27, 28, 29) with predetermined spring rate and damping are arranged as torque coupling elements between chassis (1, 26) and body, with a predetermined separation in the transverse direction of the chassis. The tie rods (6, 7, 6', 7', 27, 28, 29) are each flexibly connected to brackets (9) on the body, at one end and to a transverse support (2) of the chassis frame, at the other end. A tie rod (6, 7, 6', 7', 27, 28) comprises a universal housing, with a shell (12) and end head pieces (13, 14), which guides a push-pull-rod (11), whereby, within said universal housing at least one friction ring set is mounted and which can be operated by a push-pull-segment (18) of the push-pull-rod (11).

IPC 1-7

B61F 5/02

IPC 8 full level

B61F 5/02 (2006.01)

CPC (source: EP US)

B61F 5/02 (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2003221581 A1 20031204; US 6923125 B2 20050802; AT E285351 T1 20050115; CA 2402006 A1 20010907; CA 2402006 C 20081202; DE 10010610 A1 20010906; DE 50104880 D1 20050127; EP 1259411 A1 20021127; EP 1259411 B1 20041222; ES 2238045 T3 20050816; PT 1259411 E 20050531; WO 0164493 A1 20010907

DOCDB simple family (application)

US 22042003 A 20030121; AT 01931486 T 20010228; CA 2402006 A 20010228; DE 10010610 A 20000303; DE 50104880 T 20010228; EP 0102219 W 20010228; EP 01931486 A 20010228; ES 01931486 T 20010228; PT 01931486 T 20010228