

Title (en)  
DEVICE FOR GUIDING THE AXLES OF A RAIL VEHICLE

Title (de)  
VORRICHTUNG ZUR STEUERUNG DER ACHSEN EINES SCHIENENFAHRZEUGES

Title (fr)  
DISPOSITIF DE GUIDAGE DES AXES D'UN VEHICULE FERROVIAIRE

Publication  
**EP 1228937 A1 20020807 (FR)**

Application  
**EP 99941663 A 19990831**

Priority  
ES 9900281 W 19990831

Abstract (en)  
[origin: WO0115954A1] The invention relates to a device for guiding the axles of a rail vehicle having at least one articulation-actuator mounted between two elements of the bogie of said vehicle that are movable relative to one another, said articulation-actuator comprising: an outer casing (1) connected to one of the mobile elements; an inner axle (2) connected to the axle of the mobile elements; an elastomer assembly (3) connecting the outer case (1) to the inner axle (2); two sealed chambers, one inner (6) and one outer (5) chamber, which are located between the outer casing (1) and the inner axle (2) and which are filled with fluid, the inner chamber (6) being located on the side of the mobile elements and the outer chamber (5) being located on the side of the other mobile element; two conduits (7) communicating said chambers (5) (6) with an outer fluid distributing device. The invention can be used in railroad vehicles.

Abstract (fr)  
Dispositif de guidage des essieux d'un véhicule ferroviaire, qui dispose, entre deux éléments mobiles entre eux du bogie, au moins d'une articulation-actionneur qui se compose: d'une frette extérieure unie à l'un des éléments mobiles; d'un ensemble élastomère qui unit la frette à l'essieu intérieur, formant deux chambres étanches, interne et externe, remplies de fluide, entre la frette extérieure et l'essieu intérieur, l'interne se trouvant du côté de l'un des éléments mobiles et l'externe du côté de l'autre élément mobile; les deux conduits reliant chacune des chambres à un dispositif de distribution fluide externe. Applicable aux chemins de fer. <IMAGE>

IPC 1-7  
**B61F 5/38**; **B61F 5/44**

IPC 8 full level  
**B61F 5/38** (2006.01); **B61F 5/44** (2006.01)

CPC (source: EP)  
**B61F 5/386** (2013.01)

Citation (search report)  
See references of WO 0115954A1

Cited by  
DE102013103827A1; DE102013224582A1; EP2353961A1; CN108372867A; CN102407861A; RU2654429C1; US2016304103A1; US10246107B2; AT518973A1; AT518973B1; EP4155160A1; EP3205549A1; EP3978330A1; WO2014170234A1; EP1457706B1; EP1457707B1; WO2022128301A1; WO2022128299A1; WO2018095961A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1228937 A1 20020807**; **EP 1228937 B1 20040922**; AT E276909 T1 20041015; DE 69920527 D1 20041028; DE 69920527 T2 20050929; DK 1228937 T3 20050124; ES 2228090 T3 20050401; PT 1228937 E 20050228; WO 0115954 A1 20010308

DOCDB simple family (application)  
**EP 99941663 A 19990831**; AT 99941663 T 19990831; DE 69920527 T 19990831; DK 99941663 T 19990831; ES 9900281 W 19990831; ES 99941663 T 19990831; PT 99941663 T 19990831