

Title (en)
PIVOT DEVICE FOR A COUPLING IN PARTICULAR OF A RAILWAY VEHICLE

Title (de)
ANLENKUNGSEINRICHTUNG FÜR EINE KUPPLUNG INSBESONDERE EINES SCHIENENFAHRZEUGS

Title (fr)
DISPOSITIF DE DIRECTION POUR UN ACCOUPLEMENT EN PARTICULIER D'UN VÉHICULE FERROVIAIRE

Publication
EP 3385143 B1 20210505 (DE)

Application
EP 18162197 A 20180316

Priority
CH 4672017 A 20170406

Abstract (en)
[origin: US2019283786A1] Linkage device for a couplings of railway vehicles, the coupling head of which is connected to a drawbar linked to a steering pivot of the railway vehicle, which drawbar is provided with spring elements sitting on it in order to dampen compressive and tensile force that arise, e.g., when coupling the railway vehicle. The spring elements are fastened to a plate that can be rotated about an axis of rotation of the steering pivot. In this way, they are also deflected when the coupling is deflected so that the compressive and tensile forces acting on the latter also act upon its entire surface evenly, even when the coupling is deflected. The linkage device is also provided with overload protection.

IPC 8 full level
B61G 9/06 (2006.01)

CPC (source: CH CN EP US)
B61G 7/08 (2013.01 - CN US); **B61G 7/10** (2013.01 - CH US); **B61G 9/04** (2013.01 - CH US); **B61G 9/06** (2013.01 - EP US);
B61G 9/24 (2013.01 - CN US); **B61G 11/16** (2013.01 - US)

Cited by
AT17595U1; EP3882103A1; EP3995382A1; EP3792136A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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ES 2881004 T3 20211126; PL 3385143 T3 20220228; US 11059501 B2 20210713; US 2019283786 A1 20190919

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