

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

Title (de)
ANLENKUNGSEINRICHTUNG FÜR EINE KUPPLUNG INSBESONDERE EINES SCHIENENFAHRZEUGS

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

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Application
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Abstract (en)
[origin: CN114454912A] The invention relates to a coupling device for a coupling structure, in particular for a rail vehicle, comprising a draw bar (1); a plurality of spring elements (2) mounted on the draw bar in order to damp the generated tension and pressure; a plate (5) arranged between the spring elements; and a support flange (3) that can be fixed to the rail vehicle. The plate (5) supporting the draw bar (1) is held on a support flange (3) and is connected at its outer circumference to a respective carrier disc (10, 11) in an opening (8', 9') of the support flange (3) by overload elements (14a, 14b) arranged adjacent to each other in each case. The overload elements (14a, 14b) can be sheared off in the event of an overload in the direction of pressure or tension of the draw bar (1). Thus, a secure connection is formed between the support flange and the plate, which can be separated in a functionally reliable manner in the event of a collision or an overload, but which ensures a perfect coupling connection in normal operation.

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