Title (en)

ARRANGEMENT FOR DEFLECTING A RAIL VEHICLE CENTRAL BUFFER COUPLING UNHITCHED IN THE COURSE OF A COLLISION DUE TO FAILURE OF AN OVERLOAD SAFETY DEVICE

Title (de)

ANORDNUNG ZUR UMLENKUNG EINER DURCH DAS VERSAGEN EINER ÜBERLASTSICHERUNG IM ZUGE EINES ZUSAMMENSTOSSES ABGETRENNTEN MITTELPUFFERKUPPLUNG EINES SCHIENENFAHRZEUGS

Title (fr)

SYSTÈME PERMETTANT DE CHANGER LA TRAJECTOIRE D'UN ATTELAGE À TAMPON CENTRAL D'UN VÉHICULE FERROVIAIRE LORSQUE CELUI-CI EST ROMPU LORS D'UNE COLLISION EN RAISON DE LA DÉFAILLANCE D'UN ORGANE DE SÉCURITÉ ANTI-SURCHARGE

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Application

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Abstract (en)

[origin: WO2012171714A1] The invention relates to an arrangement for deflecting a central buffer coupling (4) of a rail vehicle (1), which coupling has become unhitched in the course of a collision due to the failure of an overload safety device (9), comprising a coupling plate (2) and a coupling support (3) fixed to said coupling plate (2), wherein an aperture (12) is provided in the coupling plate (2), through which aperture a coupling (4) passes after the failure of an overload safety device (9). A shear plate (5) is provided behind said aperture (12) and is connected to the coupling support (3) and the coupling plate (2) by means of connecting elements (6), wherein the coupling (4) penetrating through the aperture (12) severs the connecting elements (6), whereby the shear plate (5) and the coupling support (3) become freely movable.

IPC 8 full level

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