

Title (en)

COUPLING FOR RAIL VEHICLES, IN PARTICULAR FOR RECOVERING A RAIL VEHICLE WHICH IS INCAPABLE OF MOVING UNDER ITS OWN FORCE

Title (de)

KUPPLUNG VON SCHIENENFAHRZEUGEN, INSBESONDERE ZUM BERGEN EINES NICHT AUS EIGENER KRAFT FAHRFÄHIGEN SCHIENENFAHRZEUGS

Title (fr)

ACCOUPLEMENT DE VÉHICULES FERROVIAIRES, EN PARTICULIER POUR DÉPANNER UN VÉHICULE FERROVIAIRE NE POUVANT PAS SE DÉPLACER DE LUI-MÊME

Publication

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Application

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Abstract (en)

[origin: CA2800336A1] The invention relates to a coupling arrangement for a rail vehicle (1) for coupling the rail vehicle to a second rail vehicle (2), in particular for recovering a second rail vehicle (2) which is incapable of moving under its own force, wherein the arrangement has: a coupling rod (11) for mechanically connecting and as a result coupling the rail vehicles (1, 2), a supporting structure (17, 35) by means of which the coupling rod (11) can be connected to the rail vehicle (1), wherein the coupling rod (11) can be pivoted in relation to the supporting structure (17, 35), with the result that the coupling rod (11) can correspondingly pivot when the rail vehicles (1, 2) which are coupled to one another travel around a bend, at least one spring device (21, 30) which is mounted on the supporting structures (17, 35) and is arranged in such a way that, at least in a first predefined operating state of the arrangement, the coupling rod (11) can be exclusively moved by said arrangement into a predefined range of pivoted positions relative to the supporting structure (17, 35) and can remain in the predefined range of pivoted positions exclusively as a result of this, that a force is applied via the coupling rod (11) to the spring device (21, 30), with the result that a corresponding opposing force which is generated by the spring device (21, 30) would, given a reduction in the applied force, pivot the coupling rod (11) in the direction of a neutral position in which the coupling rod (11) would be oriented with its longitudinal axis in the direction of travel of the coupled rail vehicles (1, 2) in the case of straight-ahead travel.

IPC 8 full level

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Citation (opposition)

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