

Title (en)

DEVICE FOR TRANSMITTING THE AXIAL FORCES OF A BOGIE TO THE SUPERSTRUCTURE OF A RAIL VEHICLE, ESPECIALLY A MOTOR VEHICLE WITH HIGH TRACTIVE POWER

Title (de)

VORRICHTUNG ZUR ÜBERTRAGUNG DER LÄNGSKRÄFTE EINES DREHGESTELLES AUF DEN WAGENKASTEN EINES SCHIENENFAHRZEUGES, INSBESONDERE EINES TRIEBFAHRZEUGES MIT HOHER ZUGKRAFT

Title (fr)

DISPOSITIF POUR TRANSMETTRE LES FORCES LONGITUDINALES D'UN BATI TOURNANT SUR LA CAISSE D'UN VEHICULE SUR RAILS, NOTAMMENT D'UN VEHICULE MOTEUR A FORCE DE TRACTION ELEVEE

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Application

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Priority

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Abstract (en)

[origin: US6397760B1] A device for transmitting the longitudinal forces of a bogie to the superstructure of a rail vehicle, in particular a motor vehicle with high tractive power. The device includes a transmission rod arranged in the longitudinal direction of the vehicle and comprising two rod parts (4), of which one rod part engages on a pivot point of the superstructure and the other rod part engages on a pivot point of the bogie frame. The two rod parts are connected at a joint which is capable of rotary motion about the transverse axis of the vehicle and is supported vertically relative to the bogie frame. The two rod parts and the joint capable of rotary motion are embodied in a buckle-resistant manner, the joint being connected to the bogie frame in a manner which allows force to be transmitted in both vertical directions.

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