

Title (en)

RAIL VEHICLE, IN PARTICULAR A LOCOMOTIVE

Title (de)

SCHIENENFAHRZEUG, INSBESONDERE LOKOMOTIVE

Title (fr)

VÉHICULE FERROVIAIRE, EN PARTICULIER LOCOMOTIVE

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Application

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Abstract (en)

[origin: WO2015117678A1] The invention relates to a rail vehicle, in particular to a locomotive (1), comprising at least one undercarriage (2), which has one or more wheelsets (3) and an undercarriage frame (5) resiliently supported thereon. The invention further relates to a vehicle body (6), which is resiliently supported on the at least one undercarriage (2) and which has a vertical pivot pin (7), which passes through the undercarriage frame (5) for the traction linking of the vehicle body (6) and about which the chassis (2) can rotate in relation to the vehicle body (6). In addition, the rail vehicle comprises a limiting stop (8) connected to the pivot pin (7) for limiting the vertical motion of the vehicle body (6) in relation to the undercarriage frame (5) in a form-closed manner. According to the invention, the pivot pin (7) has a horizontal through-hole (13) in a pin segment (12) protruding downward from the undercarriage frame (5), in which through-hole the limiting stop (8) is supported and from which through-hole contact protrusions (14) of the limiting stop (8) protrude on both sides of the pivot pin (7), by means of which contact protrusions the limiting stop (8) contacts the undercarriage frame (5) from below in the event of maximum vertical motion. Thus, the entrainment of the at least one undercarriage can be effected with great safety when the rail vehicle is lifted.

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