

Title (en)

RAILWAY BOGIE WITH IMPROVED STABILITY AND BEHAVIOUR IN CURVES.

Title (de)

EISENBAHNDREHGESTELL MIT VERBESSERTEM STABILITÄTS- UND KURVENVERHALTEN.

Title (fr)

BOGIE FERROVIAIRE A STABILITE ET COMPORTEMENT EN COURBE AMELIORES.

Publication

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Application

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Abstract (en)

[origin: WO8912566A1] The invention relates to the railway rolling-stock industry. The axle boxes (20) with shrunk-on wheels are connected to a rigid bogie frame (2, 4) via a primary horizontal link comprising a connecting rod (18) secured to the longitudinal member (2) of the frame by a flexible ball joint (14). At least one of the four axle boxes (20) can slide longitudinally in relation to the longitudinal member (2). The sliding movements are controlled by a rod system (22, 24, 26, 30), the input component (22) of which is integral with the vehicle frame, or via a damper and a flexible return member located mutually in parallel. Bogies with wheels shrunk on the axles, as per the invention, are better able to negotiate curves.

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