

Title (en)

CRADLE BOGIE FOR A RAIL VEHICLE AND RAIL VEHICLE

Title (de)

WIEGENDREHGESTELL FÜR EIN SCHIENENFAHRZEUG UND SCHIENENFAHRZEUG

Title (fr)

BOGIE BERCEAU POUR VÉHICULE FERROVIAIRE ET VÉHICULE FERROVIAIRE

Publication

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Application

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Abstract (en)

[origin: WO2016150829A1] The invention relates to a cradle bogie for a rail vehicle and to a rail vehicle. The cradle bogie (100) for a rail vehicle comprises a cradle (10) that is rotatable about an axis of rotation (D), and a frame (30) connected to the cradle via a self-centering elastic element (20). The cradle bogie (100) is characterized in that the cradle (10) comprises at least one coupling element (40) for coupling a mechanical coupling to a wagon body, and the elastic element (20) is elastic with respect to rotation and/or tilting of the frame relative to the cradle. The specific elasticity of the elastic element has the advantage that irregularities in a course and/or in a curve of a track with respect to the mechanical coupling in the form of lateral and/or rotational movement are compensated. This leads to less wear on wheels and track.

IPC 8 full level

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