

Title (en)
RAILWAY UNDERCARRIAGE WITH A RADIALY ADJUSTABLE WHEEL AXLES

Title (de)
SCHIENENFAHRWERK MIT RADIALER EINSTELLUNG DER RADACHSEN

Title (fr)
VEHICULE SUR RAILS A AJUSTEMENT RADIAL DES AXES DE ROUE

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Application
EP 01983504 A 20010926

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Abstract (en)
[origin: WO0226542A1] The invention relates to a railed vehicle comprising a load-bearing carrier (1) in the form of a bogie frame pertaining to a two-axle bogie, whereby said load-bearing carrier (1) is supported by spring elements (2) on two pairs of wheels (4,4; 4,4). Each wheel (4) is provided with a strut rod (9) extending in the direction of the wheel housing, which is coupled respectively on one end to a wheel support (3) by means of coupling points (8, 10), adjacent to an associated wheel (4), and to the load-bearing carrier (1) on the end thereof. The pairs of wheels can turn in respect of the load-bearing carrier. In order to achieve a turning movement of the pair of wheels for a curved radial adjustment dependent upon the radius of the curved track currently travelled upon, the strut rods (9) are respectively coupled directly to the coupling points (10) directly on the load-bearing carrier (1). The coupling points (10) of the strut rods (9) of at least one pair of wheels (4, 4) on the load-bearing carrier (1) are located above the coupling points (8) of the strut rods (9) on the associated wheel support (3) in relation to the plane determined by the contact points (6) of the wheels (4) on the tracks (7) if the strut rods (9) are orientated in the direction of the wheel housing towards a central area between two pairs of wheels.

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