

Title (en)

TRACKBOUND VEHICLE WITH STEERING OF WHEEL AXLES

Title (de)

SCHIENENGEBUNDENES FAHRZEUG MIT GELENKTEN RADACHSEN

Title (fr)

VEHICULE DE LOCOMOTION SUR RAILS, A DIRECTION D'ESSIEUX

Publication

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Application

**EP 98945699 A 19980918**

Priority

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- SE 9703437 A 19970924

Abstract (en)

[origin: WO9915387A1] A trackbound vehicle comprising a first and a second car (1), the longitudinal axes of which (17, 18) form an angle (  $\alpha$  ), interconnected at a joint (4) and being rotatable in relation to each other around an axis of rotation (6), which passes through the joint, a number of bogies (5), each of which having a bogie frame (7), at least one wheel axle (10) attached to the bogie frame and at least two wheels (8, 9) with each wheel rigidly connected to a wheel axle, whereby a first bogie is arranged rotatable around said axis of rotation, which is centred between the wheels. The vehicle further comprises a first measuring device (21) for measuring the angle (  $\alpha$  ) between the longitudinal axes of the first and second car, an actuator (20) for aligning the first bogie in relation to the cars, and a calculating member (22) which, on the basis of the measured angle, produces a signal to the actuator for aligning the wheel axles in parallel with the bisectrix (19) to the angle between the longitudinal axes of the cars.

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