

Title (en)
RAIL VEHICLE WITH ROLL STABILISER

Title (de)
SCHIENENFAHRZEUG MIT WANKSTABILISATOR

Title (fr)
VÉHICULE FERROVIAIRE DOTÉ D'UN STABILISATEUR ANTI-ROULIS

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Abstract (en)
[origin: WO2014009142A1] The invention relates to a rail vehicle comprising at least one chassis and at least one roll stabiliser which is connected to two different vehicle parts of the rail vehicle, the roll stabiliser comprising - a torsion shaft (1) that is arranged on a vehicle part transversally to the longitudinal direction of the vehicle, - levers (2) that are non-rotationally arranged on the torsion shaft at both sides of the longitudinal axis of the vehicle - an individual traction-pressure rod (3) for each lever (2), each lever being hinge-connected to one end of the traction-pressure rod and said traction-pressure rod being hinge-connected at its other end (5) to the other vehicle part. In order to reduce the dynamic forces on the traction-pressure rods in the oblique arrangement thereof, the imaginary extensions of the traction-pressure rods (3) intersect at a point which lies approximately on the axis of rotation of the turning motion of the chassis.

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