

Title (en)
Running gear for railway vehicles

Title (de)
Laufwerk für Schienenfahrzeuge

Title (fr)
Train de roulement pour véhicules ferroviaires

Publication
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Application
EP 94105952 A 19940418

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Abstract (en)
[origin: EP0621165A1] The invention relates to running gear for rail vehicles in which a running gear frame (2) is carried by the wheels or wheel sets (1) by means of primary springs, and on which the coach body (4) or the coach body (4) of the rail vehicle is directly supported by means of secondary springs (3) via a rocker (5), and the rocker (5) or the coach body (4) is also connected with respect to the running gear frame (2) by means of shock absorbers which damp vertical and rolling movements and at least one rail support (8-10) which absorbs rolling movements and bears fixed levers (9) which are connected to the rocker (5) or to the coach body (4) via pendulum element (10) which are mounted in an articulated fashion. The object of the invention is, with the aim of achieving a maximum possible coach cross-section, to find an inclination device in which, during the rolling of the coach body (4) when there is an excess of centrifugal force, as far as possible the centre of motion lies in the plane of the centre of rolling, which inclination device can be retrofitted on existing running gear, can be used under existing coach bodies (4) and is distinguished by simple constructional elements. This object is achieved in that at least one of the pendulum elements (10) of the roller support consists of an actuator which can be acted on in the opposite direction when one transverse end of the rocker (5) or one side of the coach body (4) dips or rises. <IMAGE>

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