

Title (en)

CONNECTION OF TWO RUNNING GEARS WITH MULTIPLE AXLES TO A GROUP OF RUNNING GEARS FOR RAILWAY VEHICLES

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Application

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Abstract (en)

[origin: EP0371498A1] The invention relates to the connection of two running gears with multiple axles to a group of running gears for railway vehicles with low-lying loading bridge (10), the running gears having at least two wheel sets (4) of small wheel base and a running gear frame, comprising side cheeks (1) and transverse beams (2) between two axles in each case, the wheel sets (4), being fixed in the running gear frame by means of axle bearings (3) and each running gear being connected to the loading bridge without king pins, merely by means of in each case a laminated bearing spring (6), lying longitudinally at the side in front of each side cheek (1), and a link suspension. The object of the invention was to combine running gears of the type mentioned at the beginning into groups of running gears and to arrange them underneath the vehicle frame or the loading bridge (10) in such a way that the exact turning angle of each running gear and of each group of running gears when travelling around a bend is ensured without enforcement and that an exact axle load balancing of the running gears of each group of running gears is ensured. This object is achieved by the running gears of each group of running gears being connected to one another by a connecting beam arranged in the longitudinal centre of the running gears and mounted on them in a jointed manner, the connecting beam (13) being arranged centrally with play between guide brackets (14) of the loading bridge (10). In this arrangement, the facing ends of each laminated bearing spring (6) of the running gears of each group of running gears are connected to each other via their links by a compensating lever, which is mounted on a bracket of the weighing bridge. <IMAGE>

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