ABSTRACT OF THE DISCLOSURE

RAIL VEHICLE HAVING A DEVICE FOR FINISHING THE RUNNING SURFACE OF TRACK RAILS

A rail vehicle (1) is described, comprising a milling device (5) for finishing the running surface (15) of track rails (4) during the travel of the rail vehicle (1), which has a chassis frame (2) having wheel sets (3), along the track rails (4), wherein the milling device (5), which is provided with a milling head (6), comprises a framework (14) arranged on the chassis frame (2) having a milling head receptacle (7), which is displaceable vertically and transversely in relation thereto, which can be supported for the vertical guiding via a guide shoe (16) on the running surface (15) and for transverse guiding in parallel to the milling head shaft via a guide stop (17) laterally on the railhead (18). To provide simple design conditions, it is proposed that the milling head receptacle (7) form a transverse carriage (9), which supports the guide shoe (16) and the guide stop (17), and the guide path (11) of which, which is vertically displaceable, is provided on the side of the milling head receptacle (7) facing toward the guide shoe (16), and that the diameter of the milling head (6) correspond to at most half of the wheel diameter of the wheel sets (3).

(Figure 2)