

Abstract

A track-guided vehicle wheel truck prevents wear and deterioration of a guide wheel and a guide rail, and ensures running stability while simplifying the structure. In the track-guided vehicle wheel truck, a guide frame 8 to which a guide wheel 9 guided by a guide rail 1 is mounted, can turn relative to a steering axle 6 of a running wheel 5. A support shaft 21 is provided on an axle bracket 20 provided in the steering axle 6 so as to be movable in the vehicle front and rear direction by straddling the steering axle 6. A link lever 22 capable of interlocking the turning of the guide frame 8 and the steering of the running wheel 5 is provided along the vehicle front and rear direction. A vehicle end-side end part of the link lever 22 is rotatably mounted to a connecting rod 19 that enables the steering of the running wheel 5. An intermediate part of the link lever 22 is rotatably mounted to the guide frame 8. A long hole 22a extending in the vehicle front and rear direction is provided in a center-side end part of the link lever 22. The long hole 22a and the support shaft 10 are rotatably engaged with each other at a given position.



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