

Abstract

A track-guided vehicle wheel truck facilitates vehicle maintenance and enables reduction in costs by simplifying the structure thereof while enabling the steering of running wheels along a guide rail. The track vehicle wheel truck includes guide frames 7 arranged along the forward and rearward directions of the vehicle on the inside of the vehicle width direction in the running wheels 5, and fixed to knuckles 6; a tie rod 10 arranged on the center side of the forward and rearward directions in the vehicle along the vehicle width direction, and interlock with the guide frames 7; guide wheel receivers 11 disposed toward the inside of the vehicle width direction from the guide frames 7 on the vehicle end side and the center side relative to an axis 5a of the running wheels 5; and a steering axle 9 arranged along the vehicle width direction, and are able to turn the running wheels 5, the knuckles 6, and the guide frames 7 by installing a kingpin 8 at both ends thereof. A guide wheel 12 is installed in the distal end part on the inside of the vehicle width direction in the guide wheel receiver 11.



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