

Abstract

STEERING BOGIE, AND VEHICLE FOR TRACK-BASED TRANSPORTATION SYSTEM

This invention is equipped with: a steering shaft (11) provided to an underframe (3) of a carbody (2) of a vehicle (1) travelling on a traveling road surface (100a) of tracks (100); king pins (20) provided as a pair to end sections of the steering shaft (11) at both sides in the width direction; axle hubs (9) swingably provided to the steering shaft (11) via the king pins (20); tires (10) mounted plurally to each of the axle hubs (9); guide wheels (39), which roll over guide rails (101) provided to the tracks (100) in the direction of extension of the tracks (100), and which are guided from the width direction of the tracks (100); a guide device part (19) for supporting the guide wheels (39) and the steering shaft (11); and a steering mechanism (23) for causing the axle hubs (9) to turn about the king pins (20) in accordance with the displacement of the guide device part (19).

FIG.3