

ABSTRACT

GUIDE RAIL FOR TRACK-BASED VEHICLE, AND TRAFFIC SYSTEM

A guide track (3A) includes a guide rail (31) having a guide groove (31a) opened upward in which the pair of guide wheels (23) inserted, and is formed with a pair of guide surfaces (31b) for causing each of the pair of guide wheels (23) to roll at both sides of the traveling course in a width direction; conductor rails (32) that are placed at both sides of the outside of the traveling course in the width direction with respect to the guide groove (31a) to perform contact electricity supply by pressing a power collection shoe (43) of a power collector (4) of the track-based vehicle; a first insulator (33) that is formed of an insulation material and supports the conductor rails (32) with respect to the guide rail; and insulation plates (34) serving as insulation materials that are provided at both sides of the conductor rail (32) in the width direction, and are provided in parallel to the conductor rail (32) and in parallel to a pressing direction of the power collection shoe (43) so as to prevent a short circuit due to contact with the conductor rail (32) in a vertical direction.

Figure 2