ABSTRACT

GUIDE RAIL TYPE VEHICLE

A guide rail type vehicle of the present invention comprises a guide frame (22) provided so as to be rotatable about a rotation axis (23) perpendicular to the floor surface of a vehicle body; a plurality of guide wheels (30) which forms gripping pairs aligned in the vehicle width direction so as to be able to grip a center guide rail (90), and which is arranged in the front-and-rear direction of the guide frame (22); equalizing links (40) supporting two guide wheels (30), which are adjacent to each other in the front-and-rear direction, so as to be able to roll about a guide wheel shaft (31) parallel to the rotation axis (23), and connecting the two guide wheels (30) as a connected pair and being attached to the guide frame (22) so as to be rotatable about a link shaft (41) parallel to the rotation axis (23); and a steering link mechanism (25) changing the steering angle of tires (3) in association with the rotation of the guide frame (22) about the rotation axis.

Figure 4

ABSTRACT

GUIDE RAIL TYPE VEHICLE

A guide rail type vehicle of the present invention comprises a guide frame provided so as to be rotatable about a rotation axis perpendicular to the floor surface of a vehicle body; a plurality of guide wheels which forms gripping pairs aligned in the vehicle width direction so as to be able to grip a center guide rail, and which is arranged in the front-and-rear direction of the guide frame; equalizing links supporting two guide wheels, which are adjacent to each other in the front-and-rear direction, so as to be able to roll about a guide wheel shaft parallel to the rotation axis, and connecting the two guide wheels as a connected pair and being attached to the guide frame so as to be rotatable about a link shaft parallel to the rotation axis; and a steering link mechanism changing the steering angle of tires.

Figure 4