

ABSTRACT

GUIDE RAIL TYPE VEHICLE

A guide rail type vehicle of the present invention comprises a guide frame (22)
5 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
10 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.

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Figure 4