

ABSTRACT

In a track type protection system comprising an automatic steering mechanism and a fail-safe mechanism, provided is a detection mechanism which can detect a
5 deviated value of a vehicle, widthwise of a track, and which is highly reliable. The track type transportation system in which the vehicle runs on the road surface of the track, comprising the steering mechanism for automatically steering the front and rear wheels of the vehicle by means
10 of actuators, and the fail-safe mechanism composed of a protection track defined on the road surface of the track, and protection wheels provided in the lower part of the vehicle and adapted to run in the protection track without making contact with the protection track, wherein there are
15 provided a pair of noncontact type displacement meters 13 which are attached to a support bracket 64 suspended downward from the lower part of the vehicle body, and which are arranged in the protection track 14 so as to irradiate detection waves a onto the left and right side walls 14a of
20 the protection track, thereby the distances from the noncontact type displacement meters 13 to the left and right side walls of the protection track are measured by the pair of noncontact type displacement meters.