

ABSTRACT

The essential feature of the present invention is the provision of a track transportation system in which a
5 vehicle runs on a predetermined track, being automatically steered, having a simplified and lightweight structure so as to surely ensure a safety, and to be capable of carrying out efficient and high-speed operation. The track transportation system according to the present invention
10 incorporates a steering mechanism 26 for automatic steering by means of an M actuator 36, a protection guide rail 14 laid on the track 01, protection guide wheels 40 which travel together with the vehicle 12 along the protection guide rail 14 without making contact with the latter, and a
15 control means 82 for controlling automatic steering in accordance with a result of determination by a track data determining means 84 for determining a straight portion, a curved portion, a turnout portion or the like of the track in view of vehicle position data, and steering caused by
20 the protection wheels making contact with the protection guide rail.