

Abstract

VEHICLE AND TRACK TRANSPORTATION SYSTEM

A vehicle is provided with: running wheels that travel on traveling road surfaces of tracks; a pair of position detection parts disposed at an interval in a width direction that output signals by detecting a distance from measured objects disposed on the tracks along the direction in which the traveling road surfaces extend; a control unit that controls the amount of steering of the running wheels in accordance with the signals from the position detection parts; and a steering mechanism that steers the running wheels via the control unit. Each of the position detection parts outputs, as the signals, a signal having characteristics such that the output increases as the distance from the measured objects increases while an output change ratio is decreased in a range in which the distance from the measured objects is not less than a predetermined value, and is configured such that, when the distance between one position detection part and the measured object is decreased, the distance between the other position detection part and the measured object is increased. The control unit controls the amount of steering on the basis of a combined output

of the signals from the pair of the position detection parts.

FIG. 5