

Abstract

VEHICLE CONTROL SYSTEM, VEHICLE CONTROL METHOD, AND
PROGRAM

Abstract

Problem

Provided is a vehicle control system that can, without needing to specify a self-position based on external reference data, cause a vehicle to arrive at an object with satisfying required conditions for the position and orientation of a vehicle when the vehicle arrives at the object corresponding to the position and orientation of the object.

Solving Means

The vehicle control system includes a detection device that detects a positional relationship between two reference points of the vehicle and two feature points of the object and a control device (20) that determines a movement route of the vehicle on the basis of only information indicative of the positional relationship between the two reference points and the two feature points detected by the detection device. The control device (20) includes a first control unit (21) that generates a route plan and determines the movement route of the vehicle according to the route plan, and a second control unit (22) that determines the movement route of the vehicle by direct feedback, and the first control unit (21) and the second control unit (22) are provided to be switchable in determining the movement route.

(FIG. 5)