

## ABSTRACT

An autonomous vehicle performs a determination process. In the determination process, a controller acquires, from a map generating unit, one of map-image data points as a pre-determination map-image data point, and performs quality determination for a map data set using a result of quality determination for the acquired pre-determination map-image data point and a result of quality determination based on accuracy of estimation of the vehicle's own position made by using the map data set acquired from the map generating unit.

(Fig. 7)