

ABSTRACT

VEHICLE POSITION MEASUREMENT DEVICE AND VEHICLE POSITION MEASUREMENT METHOD

A vehicle position measurement device includes a positioning processing unit, a positioning information storing unit, a communication unit, and an updating unit. The positioning processing unit estimates a current position of a vehicle. The positioning information storing unit accumulates and stores the position of the vehicle estimated by the positioning processing unit in association with an estimated time. The communication unit receives a signal transmitted from a communication device installed at a fixed location, and detects, based on the signal received, a position of the vehicle at a time when the signal is received. The updating unit updates, based on the position of the vehicle detected by the communication unit, the position of the vehicle stored in the positioning information storing unit in association with a time at and after the time when the signal is received by the communication unit.

Fig 2