

ABSTRACT

A position capturing system (1) includes a vehicle (5) provided with a measuring unit (2) which magnetically detects a magnetic marker (10) laid in a road and determines a polarity thereof and a GPS unit (35) which measures a position; a database (34) having stored therein a laying position of each of magnetic markers (10) linked with polarity information of the magnetic marker (10); and a position capturing unit (32) which executes processes for capturing the position of the vehicle (5) by selecting corresponding laying position from the database (34) when any of the magnetic markers (10) is detected; and when any of the magnetic markers (10) is detected, selects the laying position located in a specified area with reference to a measured position by the GPS unit (35) and linked with polarity information which complies with the polarity of the detected magnetic marker (10).

FIG. 1