ABSTRACT

The present disclosure provides a positioning device for an automatic guided vehicle, an automatic guided vehicle, a warehousing system, a positioning method and a computer-readable storage medium. The positioning device includes a sensor module and a control module. The sensor module includes an RFID antenna and a magnetic sensor group, and the magnetic sensor group includes a plurality of magnetic sensors that can sense the magnetic field strength. The control module is communicatively connected to the RFID antenna and configured to read the first position information stored in the RFID electronic tag via the RFID antenna. The control module is also communicatively connected to the magnetic sensor group to receive magnetic field strength information output by the magnetic sensors and determine the second position information, and is configured to determine the position of the automatic guided vehicle based on the first position information and the second position information. The positioning device can improve the effectiveness, accuracy and reliability of the positioning result, which is conducive to the automatic guided vehicle to perform delivery tasks more accurately and efficiently.

(FIG. 1)