GOODS DISTRIBUTION SCHEDULING METHOD, APPARATUS, DEVICE, AND STORAGE MEDIUM

ABSTRACT

The present disclosure provides a goods distribution scheduling method, apparatus, device, and storage medium. The scheduling method includes the following steps: acquiring state information of a distribution robot and of a robot assembly station, and acquiring order information of a package distribution task and operation data of a building elevator; calculating a current load and remaining capacity based on the state information; determining a distribution capacity requirement of a distribution task in a next cycle based on the order information and the operation data; assigning the distribution task in the next cycle to obtain an assigning result; and generating a scheduling instruction according to the assigning result, and sending it to the distribution robot, the robot assembly station, and the building elevator, such that the distribution robot, the robot assembly station, and the building elevator operate based on the scheduling instruction. The present disclosure performs cloud scheduling for cooperative distribution among the distribution robot, the robot assembly station, and the building elevator, improves accuracy of assigning goods distribution tasks, and is conducive to improve goods distribution efficiency.

Fig. 2