

MOVEMENT CONTROL METHOD FOR CLEANING ROBOT, CLEANING ROBOT, AND STORAGE MEDIUM

ABSTRACT

This specification relates to the field of smart household technologies, and in particular, to a movement control method for a cleaning robot, a cleaning robot, and a storage medium. The method includes: in a movement process of the cleaning robot, collecting three-dimensional information of a step-type obstacle in a front area by using a sensor system, where the three-dimensional information includes at least height information and depth information of the step-type obstacle; and at least when the height information and the depth information meet an obstacle crossing condition, performing an obstacle crossing action to cross the step-type obstacle, to clean the step-type obstacle. In embodiments of this specification, the depth information of the step-type obstacle is considered during obstacle crossing, so that refined and intelligent obstacle crossing can be performed on the step-type obstacle, thereby avoiding obstacle crossing abnormality.

(FIG. 3)