

ACTIVE OBSTACLE CROSSING CONTROL METHOD AND SYSTEM FOR CLEANING ROBOT, AND CLEANING ROBOT

ABSTRACT

5 The present disclosure relates to an active obstacle crossing control method
and system for cleaning robot, and a cleaning robot, the cleaning robot comprises
an active obstacle crossing mechanism and an obstacle crossing driving device
that drives the motion of the active obstacle crossing mechanism, the method
comprises in case where an obstacle is on the cleaning path, identifying the height
10 of the obstacle and the material type of the contact surface before the cleaning
robot crosses the obstacle; in case where the height of the obstacles matches a
predefined obstacle crossing height range corresponding to the material type,
activating the active obstacle crossing function.

The most illustrative drawings: Figure 2