ABSTRACT

GRASPING DEVICE AND OVERHEAD HOIST VEHICLE INCLUDING THE SAME

The present application provides a grasping device and an overhead hoist vehicle applied in the technical field of automatic control. The grasping device includes a base plate (1), an electric motor (2), a bidirectional lead screw (3), a first support seat (4), a second support seat (5), a first clamping mechanism (6), a second clamping mechanism (7), and a first sensing detection portion (8). The electric motor (2) is configured to drive the bidirectional lead screw (3), and the bidirectional lead screw (3) drives the first clamping mechanism (6) and the second clamping mechanism (7) to move. The first sensing detection portion (8) is configured to detect a relative position between the first clamping mechanism (6) and the second clamping mechanism (7), and trigger the electric motor (2) to stop outputting in response to the relative position meeting a first preset position.

Figure 1