

Abstract

A stereoscopic sorting control method, a stereoscopic sorting robot (1), and a related device. The stereoscopic sorting control method comprises: stereoscopic sorting robots (1) having a binding relationship with identity information of target sorting shelves (3), wherein the binding relationship is associated with a target order; under a sorting task of the target order, the stereoscopic sorting robots (1) sorting, according to the identity information of the sorting shelves (3), goods to be sorted; when a first stereoscopic sorting robot has a fault, unbinding the first stereoscopic sorting robot and the target sorting shelves (3); acquiring state information of other stereoscopic sorting robots (1), wherein the state information indicates that a second stereoscopic sorting robot is in an available and idle state; and rebinding the second stereoscopic sorting robot with the target sorting shelves (3). Therefore, after the stereoscopic sorting robots (1) have a fault, existing idle robots which operate normally are used to rapidly participate in sorting, thereby achieving the technical aim of improving the overall sorting efficiency.

<Fig. 1d>