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(54) **Title:** ROBOT-BASED INVENTORY ORDER PICKING METHOD, APPARATUS, SYSTEM, AND ELECTRONIC DEVICE, AND STORAGE MEDIUM

(54) **发明名称**: 基于机器人的仓储订单拣选方法、装置、系统及电子设备和存储介质

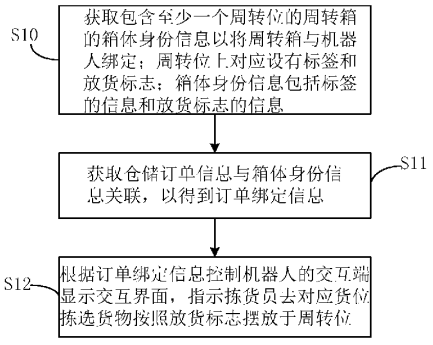


图 2

S10 Acquire box identity information of a turnover box having at least one turnover position so as to bind the turnover box with a robot, the turnover position being correspondingly provided thereon with a label and a release mark, and the box identity information comprising information of the label and information of the release mark

S11 Acquire inventory order information and associate same with the box identity information to obtain order binding information

S12 Control an interactive end of the robot according to the order binding information to display an interactive interface, and instruct goods picking personnel to pick goods at a corresponding goods location and place the goods at the turnover position according to the release mark

(57) **Abstract:** A robot-based inventory order picking method, comprising: binding a turnover box with a robot by means of acquiring box identity information of a turnover box having at least one turnover position, the turnover position being correspondingly provided thereon with a label and a release mark, and the box identity information comprising information of the label and information of the release mark (S10); acquiring inventory order information and associating same with the box identity information to obtain order binding information (S11); and controlling an interactive end of the robot according to the order binding information to display an interactive interface, and instructing goods picking personnel to pick goods at a corresponding goods location and place the goods at the turnover position according to the release mark (S12) so that a picking zone directly docks to a packing zone without additionally disposing a sorting zone, thereby simplifying the logistics process, improving the technical effect of logistics efficiency, and reducing the costs of logistics.

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要：一种基于机器人的仓储订单拣选方法，通过获取包含至少一个周转位的周转箱的箱体身份信息以将周转箱与机器人绑定，周转位上对应设有标签和放货标志，箱体身份信息包括标签的信息和放货标志的信息（S10），再通过获取仓储订单信息与箱体身份信息关联，以得到订单绑定信息(S11)，再通过根据订单绑定信息控制机器人的交互端显示交互界面，指示拣货员去对应货位拣选货物按照放货标志摆放于周转位(S12)，使得拣货区直接对接打包区，不需额外设置分货区，从而不仅实现简化物流程序，提高物流效率的技术效果，而且达到降低物流成本的目的。