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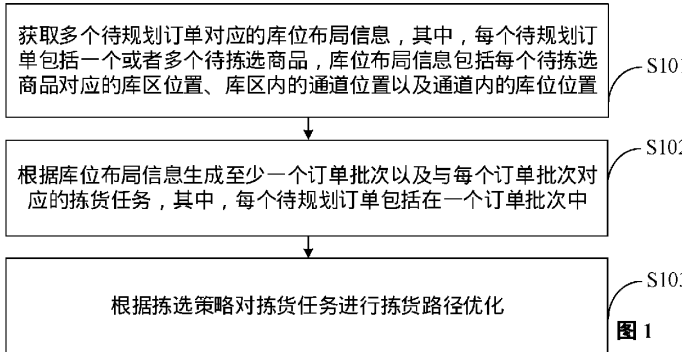
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(54) Title: PICKING PATH OPTIMIZATION METHOD AND APPARATUS, AND ELECTRONIC DEVICE

(54) 发明名称: 一种拣货路径优化方法、装置及电子设备



- S101 Acquire storage location layout information corresponding to a plurality of orders to be planned, wherein each of said orders comprises one or more products to be picked, and the storage location layout information comprises a storage zone position corresponding to each of said products, passageway positions in a storage zone, and storage location positions in passageways
- S102 On the basis of the storage location layout information, generate at least one order batch and a picking task corresponding to each order batch, wherein each of said orders is comprised in one order batch
- S103 On the basis of a picking strategy, perform picking path optimization on the picking task

(57) Abstract: A picking path optimization method and apparatus, and an electronic device. The method comprises: acquiring storage location layout information corresponding to a plurality of orders to be planned, wherein each of said orders comprises one or more products to be picked, and the storage location layout information comprises storage zone positions corresponding to said products, passageway positions in a storage zone and storage location positions in passageways; on the basis of the storage location layout information, generating at least one order batch and a picking task corresponding to each order batch, wherein each of said orders is comprised in one order batch; and on the basis of a picking strategy, performing picking path optimization on the picking task. Since it

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WO 2025/194975 A1

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is possible to automatically perform automatic batching, determination of unpacking and picking tasks and picking path optimization on the basis of storage location layout information, the efficiency and accuracy of picking path planning can be improved.

(57) 摘要: 一种拣货路径优化方法、装置及电子设备, 方法包括: 获取多个待规划订单对应的库位布局信息, 其中, 待规划订单包括一个或者多个待拣选商品, 库位布局信息包括待拣选商品对应的库区位置、库区内的通道位置以及通道内的库位位置; 根据库位布局信息生成至少一个订单批次以及每个订单批次对应的拣货任务, 其中, 每个待规划订单包括在一个订单批次中; 根据拣选策略对拣货任务进行拣货路径优化。其中, 由于可以自动化的根据库位布局信息自动组批、确定拆拣货任务以及拣货路径优化, 因此, 可以提高拣货路径规划的效率及准确率。