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(54) Title: SORTING SCHEME GENERATION METHOD AND APPARATUS, AND ELECTRONIC DEVICE AND STORAGE MEDIUM

(54) 发明名称: 分拣方案的生成方法、装置、电子设备及存储介质

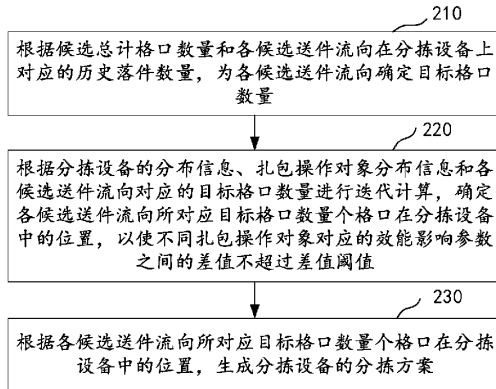


图 2

210 Determine a target compartment quantity for each candidate delivery flow direction according to a total candidate compartment quantity and a historical dropped parcel quantity, which corresponds to each candidate delivery flow direction, on a sorting device

220 Perform iterative calculation according to distribution information of the sorting device, distribution information of bundling operation objects, and the target compartment quantity corresponding to each candidate delivery flow direction, so as to determine the positions, in the sorting device, of compartments of the target compartment quantity corresponding to each candidate delivery flow direction, such that the difference between efficiency influence parameters corresponding to different bundling operation objects does not exceed a difference threshold value

230 Generate a sorting scheme of the sorting device according to the positions, in the sorting device, of the compartments of the target compartment quantity corresponding to each candidate delivery flow direction

(57) Abstract: The present application relates to the technical field of logistics. Disclosed are a sorting scheme generation method and apparatus, and an electronic device and a storage medium. The method comprises: determining a target compartment quantity for each candidate delivery flow direction according to a total candidate compartment quantity and a historical dropped parcel quantity, which corresponds to each candidate delivery flow direction, on a sorting device (210); performing iterative calculation according to distribution information of the sorting device, distribution information of bundling operation objects, and the target compartment quantity corresponding to each candidate delivery flow direction, so as to determine the positions, in the sorting device, of compartments of the target compartment quantity corresponding to each candidate delivery flow direction, such that the difference between efficiency

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— 发明人资格(细则4.17(iv))

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influence parameters corresponding to different bundling operation objects does not exceed a difference threshold value (220); and
generating a sorting scheme of the sorting device according to the positions, in the sorting device, of the compartments of the target
compartment quantity corresponding to each candidate delivery flow direction (230).

(57) 摘要: 本申请涉及物流技术领域, 公开了一种分拣方案的生成方法、装置、电子设备及存储介质, 该
方法包括: 根据候选总计格口数量和各候选送件流向在分拣设备上对应的历史落件数量, 为各候选送件
流向确定目标格口数量(210); 根据分拣设备的分布信息、扎包操作对象分布信息和各候选送件流向对
应的目标格口数量进行迭代计算, 确定各候选送件流向所对应目标格口数量个格口在分拣设备中的位
置, 以使不同扎包操作对象对应的效能影响参数之间的差值不超过差值阈值(220); 根据各候选送件流
向所对应目标格口数量个格口在分拣设备中的位置, 生成分拣设备的分拣方案(230)。