
Packaging region
Sorting region
Picking region

Fig. 1

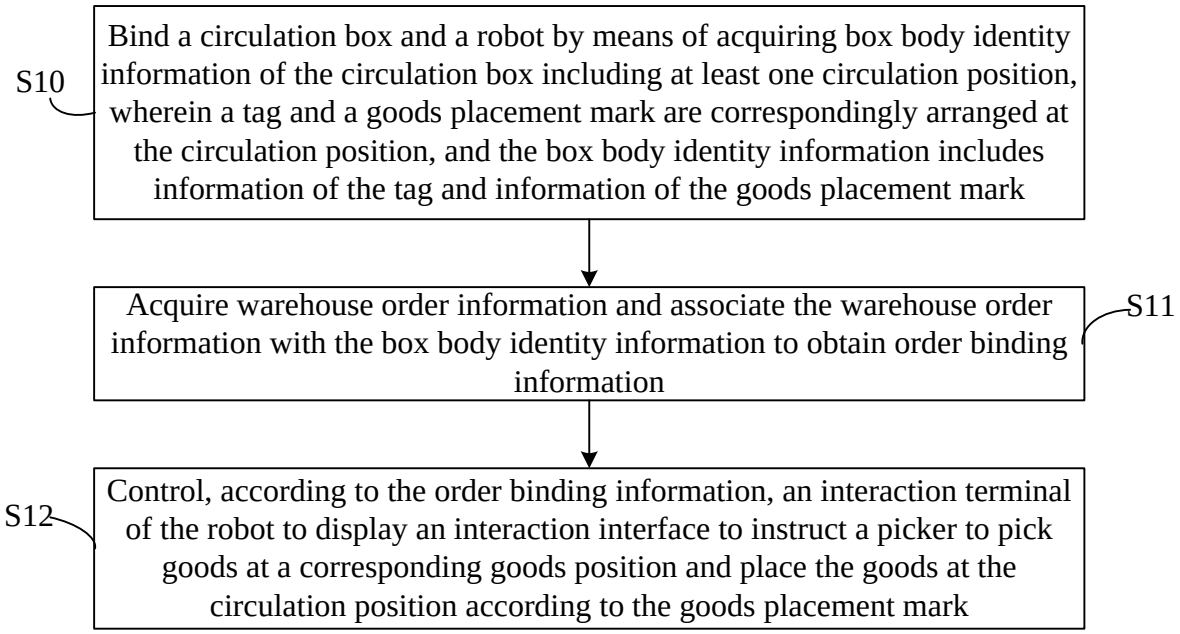

S10
Bind a circulation box and a robot by means of acquiring box body identity information of the circulation box including at least one circulation position, wherein a tag and a goods placement mark are correspondingly arranged at the circulation position, and the box body identity information includes information of the tag and information of the goods placement mark
S11
Acquire warehouse order information and associate the warehouse order information with the box body identity information to obtain order binding information
S12
Control, according to the order binding information, an interaction terminal of the robot to display an interaction interface to instruct a picker to pick goods at a corresponding goods position and place the goods at the circulation position according to the goods placement mark

Fig. 2

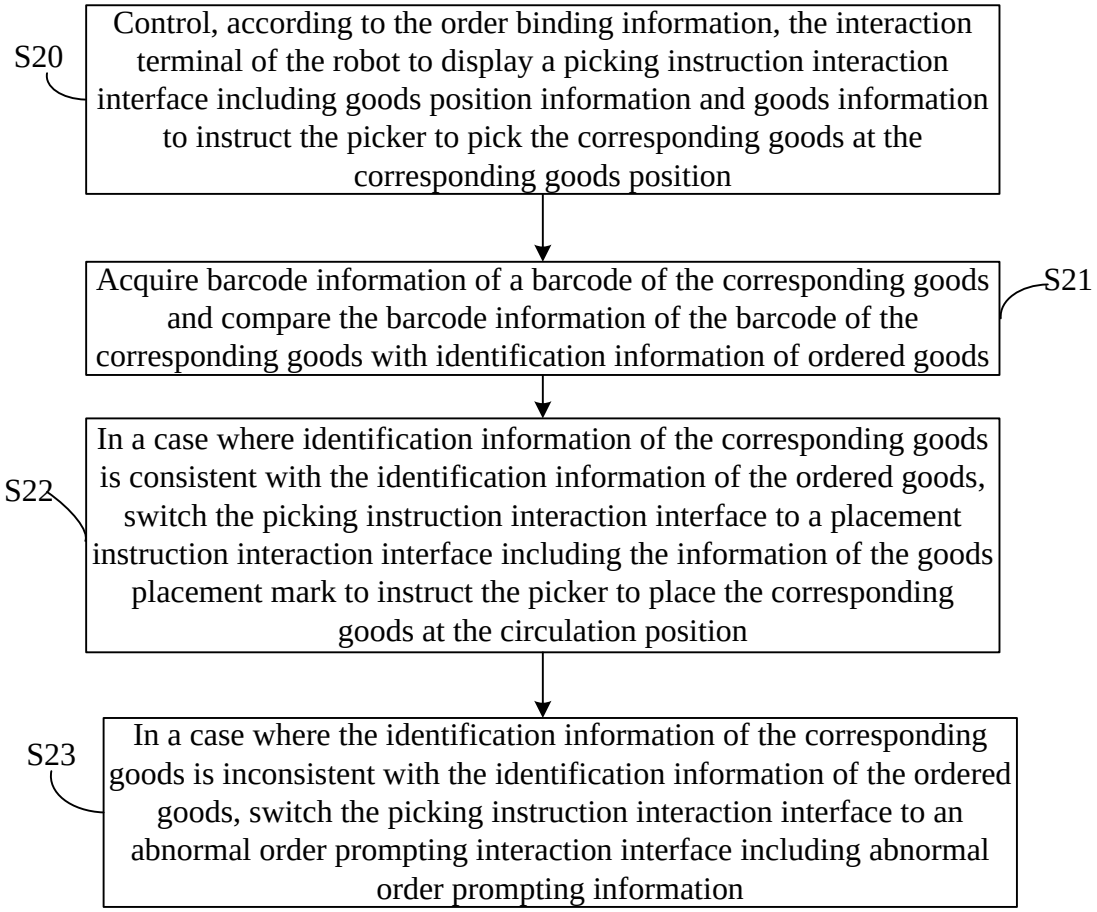

S20
Control, according to the order binding information, the interaction terminal of the robot to display a picking instruction interaction interface including goods position information and goods information to instruct the picker to pick the corresponding goods at the corresponding goods position
Acquire barcode information of a barcode of the corresponding goods and compare the barcode information of the barcode of the corresponding goods with identification information of ordered goods
S21
S22
In a case where identification information of the corresponding goods is consistent with the identification information of the ordered goods, switch the picking instruction interaction interface to a placement instruction interaction interface including the information of the goods placement mark to instruct the picker to place the corresponding goods at the circulation position
S23
In a case where the identification information of the corresponding goods is inconsistent with the identification information of the ordered goods, switch the picking instruction interaction interface to an abnormal order prompting interaction interface including abnormal order prompting information

Fig. 3

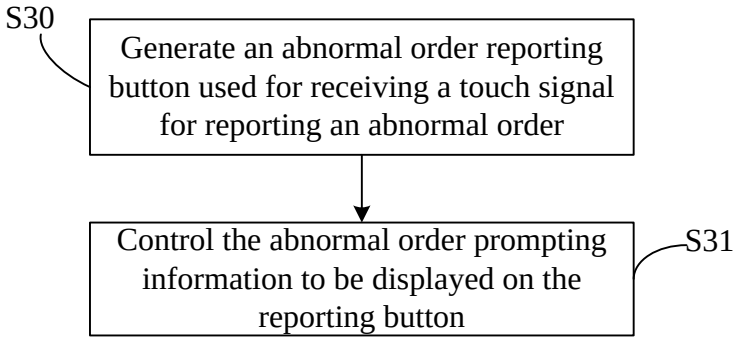

S30
Generate an abnormal order reporting button used for receiving a touch signal for reporting an abnormal order
Control the abnormal order prompting information to be displayed on the reporting button
S31

Fig. 4

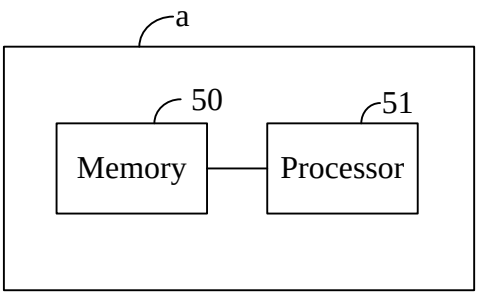


Fig. 5

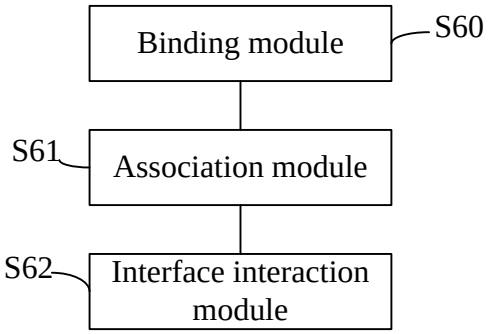


Fig. 6

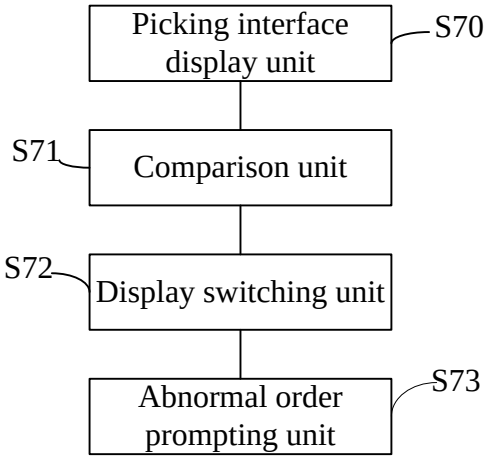


Fig. 7

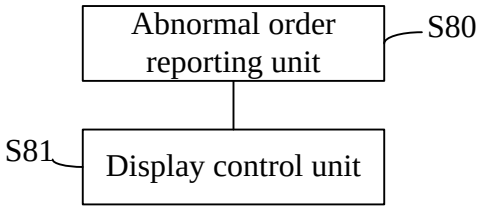

Abnormal order reporting unit
S80
S81
Display control unit

Fig. 8

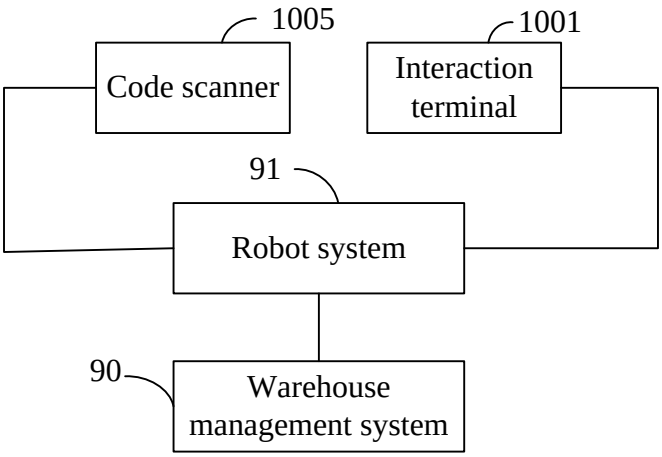

1005
1001
Code scanner
Interaction terminal
91
Robot system
90
Warehouse management system

Fig. 9

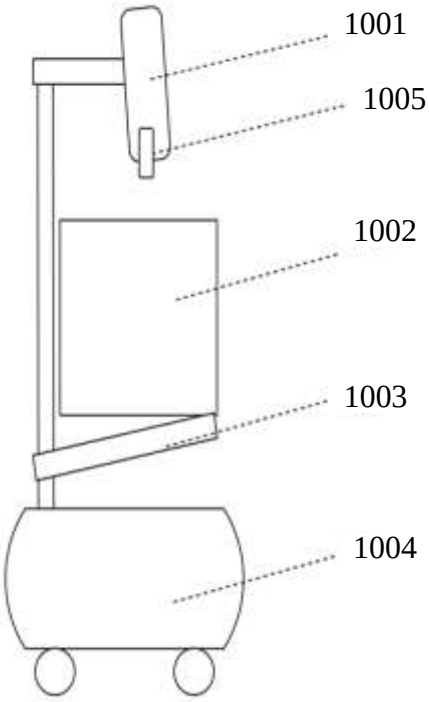


Fig. 10

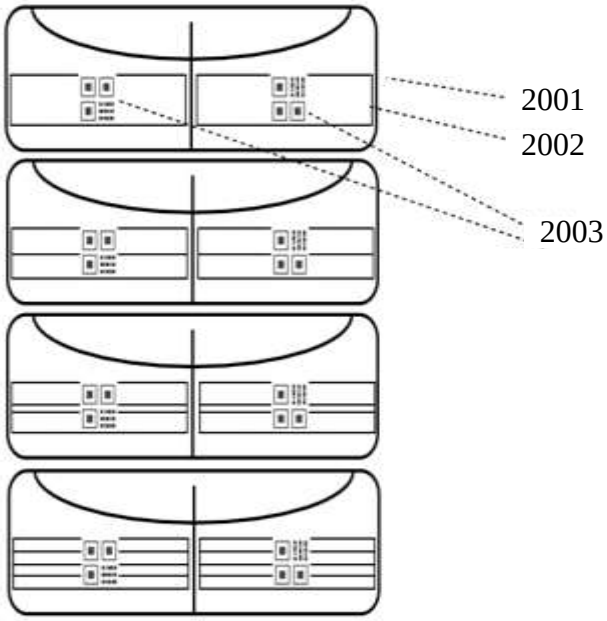


Fig. 11

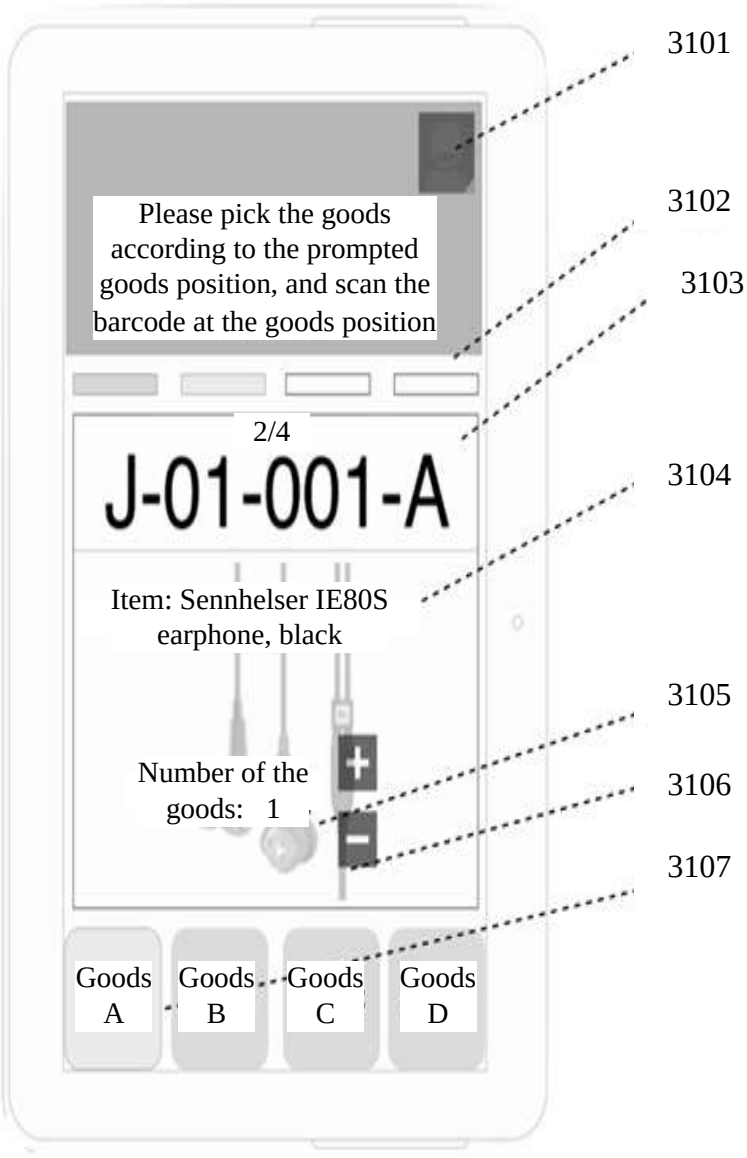

3101
Please pick the goods according to the prompted goods position, and scan the barcode at the goods position
3102
3103
2/4
J-01-001-A
3104
Item: Sennhelser IE80S earphone, black
3105
Number of the goods: 1
3106
3107
Goods A
Goods B
Goods C
Goods D

Fig. 12

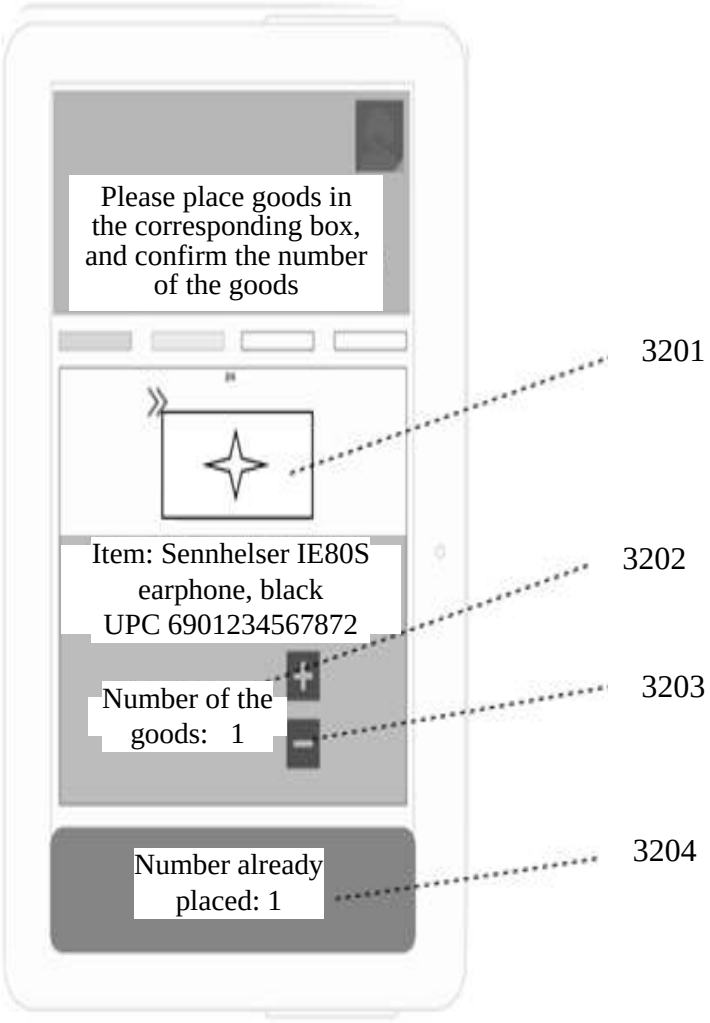

Please place goods in the corresponding box, and confirm the number of the goods
3201
Item: Sennhelser IE80S earphone, black
UPC 6901234567872
3202
Number of the goods: 1
3203
Number already placed: 1
3204

Fig. 13

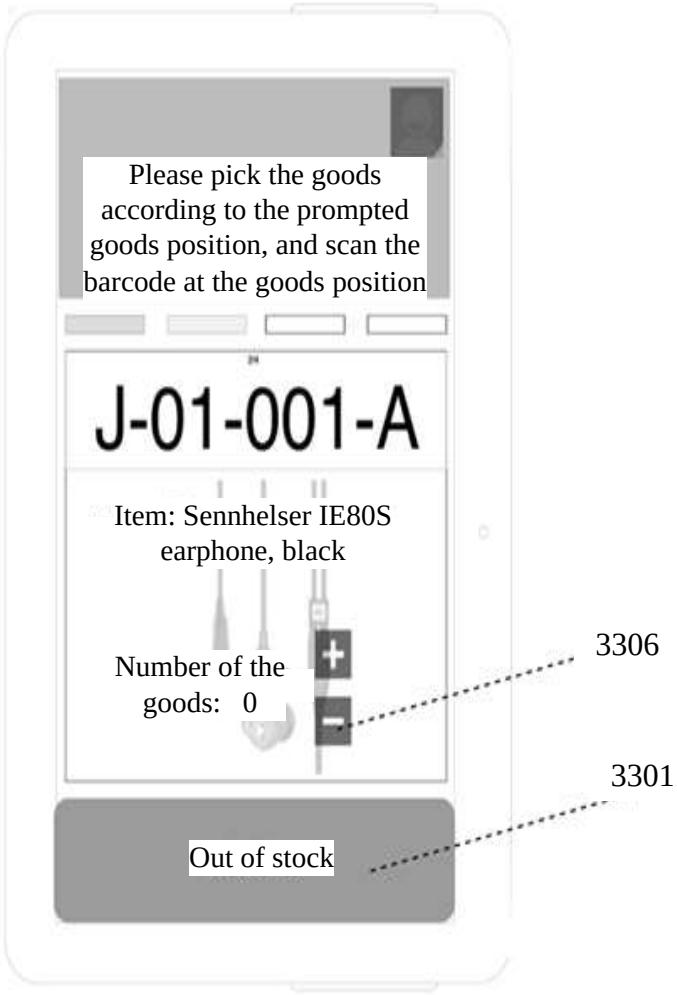

Please pick the goods according to the prompted goods position, and scan the barcode at the goods position
J-01-001-A
Item: Sennhelser IE80S earphone, black
Number of the goods: 0
3306
3301
Out of stock

Fig. 14