STORAGE DEVICE AND SYSTEM AND CONTROL METHOD

ABSTRACT

Provided are a storage device and system and a control method. The storage device (1000) comprises: a temporary storage layer board (120), with the temporary storage layer board (120) being used for providing a temporary storage station; a plurality of shelves (100), with each shelf (100) comprising at least one storage layer board (130) and a plurality of stand columns (110) arranged at intervals in the horizontal direction, the storage layer board (130) being spaced apart from the temporary storage layer board (120) in the vertical direction by means of the stand column (110), and the storage layer board (130) being used for providing a storage position; a first robot passage for a first robot (200) to travel in, with the first robot (200) being used for storing goods on and taking goods to the temporary storage layer board (120); and a sec-ond robot passage for a second robot (300) to travel in, with the second robot (300) being used for carrying the goods between the temporary storage layer board (120) and the storage layer board (130). The storage device and system and the control method can improve the efficiency of goods entering and exiting a warehouse.

(FIG. 1)