

Title (en)  
GOODS-STORAGE AND ORDER-FULFILLMENT SYSTEM

Title (de)  
WARENLAGER- UND AUFTRAGSERFÜLLUNGSSYSTEM

Title (fr)  
SYSTÈME DE STOCKAGE DE MARCHANDISES ET D'EXÉCUTION DE COMMANDES

Publication  
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Application  
**EP 21731064 A 20210531**

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Abstract (en)  
[origin: WO2021249810A1] The invention relates to a goods-storage and order-fulfillment system, comprising: - a rack store consisting of rack units, which can be freely stacked on placement surfaces, more particularly on a floor, stage surfaces or other surfaces, and which form at least one multi-level rack and provide the rack store, the multi-level rack being a shelving rack, each shelf being designed to be used to store a plurality of articles, either with or without removable trays; - at least one automated, preferably autonomous, depositing and retrieving machine for depositing the trays or articles into and/or retrieving the same from the shelving racks, which depositing and retrieving machine is in the form of a floor-bound conveying means having its own travel drive and is automatically controlled and contactlessly guided; - at least one automated, preferably autonomous, transport unit for receiving articles from or transferring articles to the depositing and retrieving machine in order to transport an individual article unloaded from the tray to a picking station or to transfer an individual article to the tray or to the machine, the transport unit being in the form of a floor-bound conveying means having its own travel drive and being automatically controlled and contactlessly guided; and - at least one picking station, which is supplied with individual articles by the transport unit for at least partial order fulfillment on the basis of order data.

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