

Title (en)

METHOD FOR THE COMPUTER-AIDED PROCESSING OF A STATUS CHANGE OF A GOODS CARRIER IN A STORAGE AND PICKING SYSTEM, AND STORAGE AND PICKING SYSTEM

Title (de)

VERFAHREN ZUM RECHNERGESTÜTZTEN VERARBEITEN EINER ZUSTANDSÄNDERUNG EINES WARENTRÄGERS IN EINEM LAGER- UND KOMMISSIONIERSYSTEM SOWIE LAGER- UND KOMMISSIONIERSYSTEM

Title (fr)

PROCÉDÉ DE TRAITEMENT ASSISTÉ PAR ORDINATEUR D'UN CHANGEMENT D'ÉTAT D'UN SUPPORT DE MARCHANDISES DANS UN SYSTÈME DE STOCKAGE ET DE PRÉPARATION DE COMMANDES ET SYSTÈME DE STOCKAGE ET DE PRÉPARATION DE COMMANDES

Publication

EP 4226303 A1 20230816 (DE)

Application

EP 21805345 A 20211006

Priority

- AT 508582020 A 20201007
- AT 2021060363 W 20211006

Abstract (en)

[origin: WO2022073052A1] The invention relates to a method for the computer-aided processing of a status change of a goods carrier (21a) in a storage and picking system (1), in which a storage and conveying region (A) of the storage and picking system (1) and goods carriers (21a..21c) located therein are visualised in a computer (26). Status change information (ZA) concerning a change in the physical status of a goods carrier (21a) and/or concerning a change in the status of a control program for the goods carrier (21a) is provided by an associated digital twin of the goods carrier (21a) and for digital twins of other goods carriers (21b, 21c). The invention further relates to a storage and picking system (1) for carrying out the method.

IPC 8 full level

G06Q 10/08 (2023.01)

CPC (source: AT EP US)

B65G 1/0407 (2013.01 - AT); **B65G 1/1378** (2013.01 - US); **G06F 30/20** (2020.01 - AT); **G06Q 10/08355** (2013.01 - AT); **G06Q 10/087** (2013.01 - EP US); **B65G 1/1378** (2013.01 - EP)

Citation (search report)

See references of WO 2022073052A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022073052 A1 20220414; AT 17769 U1 20230215; AT 524243 A1 20220415; DE 112021005315 A5 20230727; EP 4226303 A1 20230816; US 2024020632 A1 20240118

DOCDB simple family (application)

AT 2021060363 W 20211006; AT 508582020 A 20201007; AT 80222022 U 20201007; DE 112021005315 T 20211006; EP 21805345 A 20211006; US 202118030531 A 20211006