Title (en)

DOCKING STATION FOR WORKPIECE CARRIERS IN A DRIVERLESS TRANSPORT SYSTEM

Title (de)

DOCKINGSTATION FUER WERKSTUECKTRAEGER IN EINEM FAHRERLOSEN TRANSPORTSYSTEM

Title (fr)

STATION D'ACCUEIL POUR PORTE-PIÈCES DANS UN SYSTÈME DE TRANSPORT SANS CONDUCTEUR

Publication

EP 4309012 A1 20240124 (DE)

Application

EP 22714828 A 20220315

Priority

- DE 102021202682 A 20210319
- EP 2022056605 W 20220315

Abstract (en)

[origin: WO2022194813A1] The invention relates to a device (10) and a method (36) for parking workpiece carriers (18) in a docking station (20). The docking station (20) has at least one accommodating space for the workpieces (18). The docking station (20) can preferably be expanded in a modular manner by at least one further accommodating space. The docking station (20) has a position sensor (24) which is connected to a manufacturing execution system (MES) (14) and designed to report the correct parking position of the workpiece carrier (18) in the accommodating space to the MES (14). The MES (14) may be designed to bring about and control a movement of a driverless transport vehicle (16) on the basis of this notification.

IPC 8 full level

G05B 19/418 (2006.01)

CPC (source: EP US)

B23Q 7/1436 (2013.01 - US); **G05B 19/41895** (2013.01 - EP); G05B 2219/31372 (2013.01 - EP); G05B 2219/32046 (2013.01 - EP)

Citation (search report)

See references of WO 2022194813A1

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