

Title (en)  
CONTROLLING A CONTAINER CLEANING MACHINE DEPENDING ON THE CONTAINER THROUGHPUT OF A DOWNSTREAM CONTAINER TREATMENT SYSTEM/MACHINE

Title (de)  
STEUERUNG EINER BEHÄLTERREINIGUNGSMASCHINE IN ABHÄNGIGKEIT VOM BEHÄLTERDURCHSATZ EINER NACHGELAGERTEN BEHÄLTERBEHANDLUNGSANLAGE/-MASCHINE

Title (fr)  
COMMANDE D'UNE MACHINE DE NETTOYAGE DE RÉCIPIENT EN FONCTION DU DÉBIT DE RÉCIPIENT D'UN SYSTÈME/MACHINE DE TRAITEMENT DE RÉCIPIENT EN AVAL

Publication  
**EP 4142958 A1 20230308 (DE)**

Application  
**EP 21720713 A 20210419**

Priority  
• DE 102020111345 A 20200427  
• EP 2021060063 W 20210419

Abstract (en)  
[origin: WO2021219413A1] The invention relates to a container treatment line (1a-1d) having: a cleaning machine (2) for cleaning containers (17); a container treatment system (3) downstream of the cleaning machine (2) comprising at least one container treatment machine (22); a conveying device (23) for conveying the containers (17) to the cleaning machine (2); and a control unit (14), the cleaning machine (2) comprising the following:  
- a container inflow (4), having a plurality of lanes (10), and a container outflow (5), - an inner transport device (6) for transporting the containers (17) from the container inflow (4) to the container outflow (5), said transport device comprising a plurality of carrier units (8) arranged one after another in the transport direction (7) of the transport device (6) and each having a plurality of container receptacles (9) arranged transversely to the transport direction (7) for retaining the containers (17) while they are being transported from the container inflow (4) to the container outflow (5), and  
- a loading device (12) for loading at least some of the container receptacles (9) with the containers (17), and the container treatment line (1a-1d) comprising a control unit (14). According to the invention, the control unit (14) is designed to process data concerning the container throughput of the container system (3) and/or concerning the container throughput of the at least one container treatment machine (22) and to control the loading device (12) such that, for an operating duration, one of the carrier units (8) and/or a plurality of the carrier units (8) is either loaded with containers (12) by the loading device (12) or left empty depending on the container throughput of the container treatment system (3) and/or on the container throughput of the at least one container treatment machine (22).

IPC 8 full level  
**B08B 9/20** (2006.01); **B08B 9/30** (2006.01); **B65G 47/57** (2006.01); **B65G 47/70** (2006.01); **B65G 47/71** (2006.01); **B65G 47/88** (2006.01)

CPC (source: EP)  
**B08B 9/205** (2013.01); **B08B 9/30** (2013.01); **B08B 9/44** (2013.01)

Citation (search report)  
See references of WO 2021219413A1

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)  
**DE 102020111345 A1 20211028**; BR 112022019765 A2 20221116; EP 4142958 A1 20230308; MX 2022013515 A 20221116; WO 2021219413 A1 20211104

DOCDB simple family (application)  
**DE 102020111345 A 20200427**; BR 112022019765 A 20210419; EP 2021060063 W 20210419; EP 21720713 A 20210419; MX 2022013515 A 20210419