

Title (en)
METHOD FOR OPERATING A MACHINE IN A PROCESSING PLANT FOR CONTAINERS AND MACHINE FOR HANDLING CONTAINERS

Title (de)
VERFAHREN ZUM BETREIBEN EINER MASCHINE IN EINER VERARBEITUNGSANLAGE FÜR BEHÄLTER UND MASCHINE ZUR BEHANDLUNG VON BEHÄLTERN

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UNE MACHINE DANS UNE INSTALLATION DE TRAITEMENT DE RÉCIPIENTS ET MACHINE DE MANIPULATION DE RÉCIPIENTS

Publication
EP 4226221 A1 20230816 (DE)

Application
EP 21759075 A 20210813

Priority
• DE 102020126355 A 20201008
• EP 2021072601 W 20210813

Abstract (en)
[origin: WO2022073674A1] The invention relates to a method (100) for operating a machine (200, 300, 400, 500) in a processing plant for containers (20), in particular drinks containers, wherein the containers (20) are processed and/or transported (101) by the machine (200, 300, 400, 500), wherein at least one input signal and at least one output signal of the machine (200, 300, 400, 500) are acquired (102) during the processing and/or the transport, wherein a self-identification model of the machine (200, 300, 400, 500), which model reproduces at least one current operating point of the machine (200, 300, 400, 500), is determined (103) based on the at least one input signal and the at least one output signal, wherein at least one machine parameter of the machine (200, 300, 400, 500) and/or of a downstream machine is automatically configured or optimised (105) using the self-identification model, and/or wherein a diagnosis of the machine (200, 300, 400, 500) is automatically carried out (106) using the self-identification model.

IPC 8 full level
G05B 17/02 (2006.01); **B67C 3/00** (2006.01); **G05B 13/04** (2006.01)

CPC (source: EP US)
B65B 21/00 (2013.01 - US); **B67C 3/007** (2013.01 - EP US); **B67C 7/004** (2013.01 - US); **G05B 13/042** (2013.01 - EP); **G05B 17/02** (2013.01 - EP); **G05B 19/41885** (2013.01 - US); **B67C 2003/227** (2013.01 - EP US); **B67C 2007/006** (2013.01 - US); **B67C 2007/0066** (2013.01 - US); **G05B 2219/45054** (2013.01 - US)

Citation (search report)
See references of WO 2022073674A1

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 102020126355 A1 20220414; CN 116324636 A 20230623; EP 4226221 A1 20230816; US 2023376022 A1 20231123; WO 2022073674 A1 20220414

DOCDB simple family (application)
DE 102020126355 A 20201008; CN 202180068586 A 20210813; EP 2021072601 W 20210813; EP 21759075 A 20210813; US 202118248366 A 20210813