Title (en)

SYSTEM AND METHOD FOR AUTOMATED GENERATION OF MOTION AND POSITION PARAMETERS OF A BAGGING OR PALLETISING MACHINE FOR PACKAGING ARRANGEMENTS

Title (de)

SYSTEM UND VERFAHREN ZUM AUTOMATISIERTEN GENERIEREN VON BEWEGUNGS- UND POSITIONSPARAMETERN EINER PACK- ODER PALETTIERMASCHINE FÜR GEBINDEANORDNUNGEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE GÉNÉRATION AUTOMATISÉE DE PARAMÈTRES DE MOUVEMENT ET DE POSITION D'UNE MACHINE D'ENSACHAGE OU DE PALETTISATION POUR DES ARRANGEMENTS D'EMBALLAGE

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Abstract (en)

[origin: WO2023011778A1] The invention relates to a bagging or palletising machine, a system and a method for automated generation of motion and position parameters for a bagging or palletising machine for packaging arrangements. Stacking and/or packing parameters, which are used to generate parameters for controlling the bagging or palletising machine, can be input at a user interface. A digital twin of the bagging or palletising machine can be used to generate or calculate the parameters. This allows the testing and validation of the calculated parameters through a simulation by means of the digital twin. The parameters are generated such that the bagging machine controlled by means of the parameters creates a wrapper for a package in accordance with the packing and/or stacking parameters and/or the palletising machine controlled by means of the parameters arranges packages in accordance with the stacking and/or packing parameters. Once the parameters have been generated, the bagging or palletising machine is configured on the basis of the calculated parameters.

IPC 8 full level

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