Title (en)
SYSTEM AND METHOD FOR AUTOMATED ADJUSTMENT OF A CONTAINER FILLING MACHINE

Title (de)
SYSTEM UND VERFAHREN ZUR AUTOMATISCHEN EINSTELLUNG EINER BEHÄLTERFÜLLMASCHINE

Title (fr)
SYSTÈME ET PROCÉDÉ DE RÉGLAGE AUTOMATISÉ D'UNE MACHINE DE REMPLISSAGE DE CONTENANTS

Publication
EP 3538476 A1 20190918 (EN)

Application
EP 17764575 A 20170908

Priority
EP 2017072561 W 20170908

Abstract (en)
[origin: WO2019048051A1] A system (20) for automated adjustment of a container filling machine (1) having: a number of filling units (10) for filling of containers (2) during a production phase, coupled to a rotating conveyor (4) designed to rotate around a rotation axis (A); and a machine control unit designed to manage filling operations by the filling units (10) according to a filling recipe. The system (20) is provided with a processing module (12, 28), coupled to a HMI module (27) and to a storage database (29) to determine a new filling recipe, based on user input information received via the HMI module (27) and known characteristics of the filling machine (1) stored in the storage database (29); wherein the processing module is further configured to control execution of filling operations at a validation filling station (30), during a recipe-validation phase preceding the production phase; receive feedback information about measured parameters related to the filling operations being performed; and iteratively adjust the new filling recipe until the measured parameters satisfy a desired relation with desired filling parameters.

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See references of WO 2019048051A1

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