Title (en)

INTELLIGENT, SELF-ADAPTING CONTROL ARRANGEMENT FOR AUTOMATED OPTIMISATION AND CONTROLLING OF A MILLING LINE OF A ROLLER SYSTEM AND CORRESPONDING METHOD

Title (de)

INTELLIGENTE, SELBST-ADAPTIVE STEUERUNGSVORRICHTUNG ZUR AUTOMATISIERTEN OPTIMIERUNG UND STEUERUNG DER VERMAHLUNGSLINIE EINES WALZENSYSTEMS UND ENTSPRECHENDES VERFAHREN

Title (fr)

DISPOSITIF DE COMMANDE INTELIGENT ET AUTO-ADAPTATIF POUR OPTIMISATION AUTOMATISÉE ET COMMANDE D'UNE LIGNE DE MOUTURE D'UN SYSTÈME DE ROULEAUX ET PROCÉDÉ CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2019101968A1] The invention relates to a product processing installation and a corresponding method for the grinding and/or crushing of granular fruits or the like, in particular an intelligent, self-adaptive closed-loop and open-loop control method and a corresponding closed-loop and open-loop control apparatus for the self-optimised control of a mill installation and a grinding line of a roller system of the mill installation. The grinding line comprises a plurality of processing units that, based on operative process parameters, are each individually actuatable by means of the closed-loop and open-loop control apparatus and have individually regulable operation. A batch controller having a defined processing sequence in the processing units is regulable by means of an operative process recipe, wherein a defined amount of an end product is producible from one or more starting materials by means of the operative process recipe. The processing units are controlled based on, specifically, operative batch process parameters associated with the operative process recipe.

IPC 8 full level

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