

Title (en)
 DEVICE HAVING A DISCONTINUOUSLY OPERATING CENTRIFUGE FOR SEPARATING SYRUP FROM MASSECUTES AND METHOD FOR OPERATING SUCH A DEVICE

Title (de)
 VORRICHTUNG MIT EINER DISKONTINUIERLICH ARBEITENDEN ZENTRIFUGE ZUM ABTRENNEN VON SIRUP AUS ZUCKERFÜLLMASSEN UND VERFAHREN ZUM BETRIEB EINER SOLCHEN VORRICHTUNG

Title (fr)
 DISPOSITIF COMPORTANT UNE CENTRIFUGEUSE TRAVAILLANT EN DISCONTINU, DESTINÉ À SÉPARER UN SIROP DE MASSES CUITES DE SUCRERIE, ET PROCÉDÉ POUR LA COMMANDE D'UN TEL DISPOSITIF

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Application
EP 13709424 A 20130313

Priority
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 • EP 2013055157 W 20130313

Abstract (en)
 [origin: WO2013135774A1] A device, having a centrifuge for separating syrup from massecutes that operates discontinuously in batches, has a centrifuge housing having a wall (11) and a bottom (12), and a cylindrical centrifuge drum (20) in the centrifuge housing (10). Drain openings (41, 42) are provided in the centrifuge housing (10). A first receiving container (61) for the syrup draining from the drain openings (41, 42) is used in particular to receive a green drainage (25). A second receiving container (62) for the syrup draining from the drain openings (42) is used in particular to receive a white drainage (26). A control device (81) and valve or shut-off assemblies (71, 72) on or in the drain opening (42) or in connecting lines (52, 53) from the drain opening (42) to the receiving containers (61, 62), which valve or shut-off assemblies can be controlled by the control device, are provided for separating green drainage (25) and white drainage (26). At least one sensor (80) is provided in the transport path of the syrup between the impact of the syrup on the wall (11) of the centrifuge housing (10) and the controllable valve or shut-off assemblies (71, 72). The sensor (80) has a measuring device for measuring a physical value that is representative of the difference between green drainage (25) and white drainage (26). The control device (81) is designed in such a way that the control device controls the valve or shut-off assemblies (71, 72) in accordance with the measured values of the physical value transmitted by the sensor (80).

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