

Title (en)

METHOD FOR CONTROLLING A DEVICE FOR TREATING HIGH-CONSISTENCY PULP

Title (de)

VERFAHREN ZUR STEUERUNG EINER VORRICHTUNG ZUR BEHANDLUNG VON HOCHKONSISTEM FASERSTOFF

Title (fr)

PROCÉDÉ DE COMMANDE D'UN DISPOSITIF DE TRAITEMENT DE MATIÈRE FIBREUSE DE HAUTE CONSISTANCE

Publication

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Application

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Abstract (en)

[origin: WO2020151951A1] The invention relates to a method for controlling a device for processing high-consistency fibrous material (1), comprising a housing (2), in which a first treatment tool (3) and a second treatment tool (4) are arranged, wherein in each case the treatment tools (3, 4) are fastened to a base plate (7, 8), have a rotationally symmetrical form, are arranged coaxially to each other, rotate relative to one another about a common axis (5) and delimit a treatment gap (6) through which the fibrous material (1) radially flows, the gap width of which gap can be varied by axially shifting at least one base plate (7, 8) of a treatment tool (3, 4). The aim of the invention is to provide safe and efficient operation of the device using relatively simple means, in that, in order to determine the minimum distance (SM) between the base plates (7, 8), the oscillations are detected on the device and in that the distance (s) between the base plates (7, 8) rotating relative to one another is reduced until the frequency (f) and/or the amplitude and/or the change in frequency (Δf) and/or the change in amplitude of the oscillations exceeds a limit value and the distance (s) when the limit value is exceeded is determined as the minimum distance (SM).

IPC 8 full level

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