Title (en)

OPTIMISED PRODUCTION OF A WASTEPAPER PRODUCT

Title (de)

OPTIMIERTE HERSTELLUNG EINES ALTPAPIERPRODUKTS

Title (fr)

PRODUCTION OPTIMISÉE D'UN PRODUIT À BASE DE VIEUX PAPIERS

Publication

EP 4291710 A1 20231220 (DE)

Application

EP 22706025 A 20220209

Priority

- DE 102021103233 A 20210211
- EP 2022053051 W 20220209

Abstract (en)

[origin: WO2022171640A1] The invention relates to a method for open-loop or closed-loop control of a plant for producing a material that contains wastepaper, comprising at least one conveyor belt, a measurement section, a measurement system and a disintegration device, wherein the method comprises the following steps: transporting quantities of wastepaper by means of the conveyor belt to the disintegration apparatus via the measurement section; acquiring at least one measurement value from each of these quantities of wastepaper by means of at least one optical measurement system on the measurement section; assigning the at least one measurement value to at least one physical property of the quantity of wastepaper and quantifying a control value of the physical property on the basis of the at least one measurement value. The method according to the invention is characterised in that in an additional method step, the control value is used for open-loop and/or closed-loop control of one or more process parameters of the plant for producing a material that contains wastepaper.

IPC 8 full level

D21G 9/00 (2006.01); **D21B 1/08** (2006.01)

CPC (source: EP)

D21B 1/08 (2013.01); **D21G 9/0018** (2013.01); Y02W 30/64 (2015.05)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021103233 A1 20220811; EP 4291710 A1 20231220; WO 2022171640 A1 20220818

DOCDB simple family (application)

DE 102021103233 A 20210211; EP 2022053051 W 20220209; EP 22706025 A 20220209