

Title (en)

Method and device for obtaining wood fibers from wood chips

Title (de)

Verfahren und Vorrichtung zum Gewinnen von Holzfasern aus Holzhackschnitzeln

Title (fr)

Procédé et dispositif pour obtenir des fibres de bois à partir de copeaux de bois

Publication

**EP 1775376 B1 20100512 (DE)**

Application

**EP 06021281 A 20061011**

Priority

DE 102005048958 A 20051013

Abstract (en)

[origin: EP1775376A2] Making wood fibers from wood chips by feeding the chips through a tamping screw into a boiler, where they are exposed to high pressure and temperature, and discharging the chips under rapid expansion so that they separate into fibers, comprises measuring the conductivity of a plug of chips leaving the screw and using the result as a control parameter for controlling downstream processing of the chips and/or fibers. An independent claim is also included for apparatus for making wood fibers from wood chips, comprising a tamping screw (1) for feeding the wood chips into a boiler, where they are exposed to high pressure and temperature, and a discharge device for discharging the chips under rapid expansion so that they separate into fibers, comprises a sensor (11) for measuring the conductivity of a plug of chips leaving the screw.

IPC 8 full level

**D21B 1/36** (2006.01); **D21B 1/12** (2006.01)

CPC (source: EP)

**D21B 1/12** (2013.01); **D21B 1/36** (2013.01); **D21C 7/06** (2013.01)

Cited by

CN103451985A; CN102962876A; EP3192626A1; DE102008022841B4; CN102272378A; US9822383B2; WO2016042054A1; DE102008022841A1; WO2010081476A1; US8871061B2

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