

Title (en)

Method and device for preparing raw materials in the production of paper, board or fibreboards

Title (de)

Verfahren und Vorrichtung zur Aufbereitung von Rohstoffen bei der Herstellung von Papier, Pappe oder Faserplatten

Title (fr)

Procédé et dispositif de préparation de matières brutes lors de la fabrication de papier, de carton ou de plaques de fibres

Publication

EP 2172590 B1 20151111 (DE)

Application

EP 09170023 A 20090911

Priority

DE 102008049336 A 20080929

Abstract (en)

[origin: EP2172590A1] The method comprises processing raw materials to an aqueous fiber suspension that is subsequently grinded in a mill. Nitrogen is added to the raw material and/or the fiber suspension in supercooled form before the grinding process. The raw material and/or the fiber suspension are locally cooled by the addition of nitrogen and subsequently subjected at above 0[deg] C. Waste paper is used as raw material and the nitrogen is added to the waste paper before the preparation of the fiber suspension for better removability of printing inks. An independent claim is included for a device for processing of raw materials for the production of paper, cardboard or fiber plates.

IPC 8 full level

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CPC (source: EP)

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