

Title (en)

METHOD AND APPARATUS FOR CONTROL OF DRYING PROCESS TAKING PLACE IN A PULP DRYER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTROLLE DER TROCKNUNG IM FASERSTOFFTROCKNER

Title (fr)

PROCEDE ET DISPOSITIF DE COMMANDE D'UN PROCESSUS DE SECHAGE DANS UN SECHOIR DE PULPE

Publication

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Application

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Abstract (en)

[origin: WO03004764A1] The invention concerns a method for control of the drying process taking place in a pulp dryer, which pulp dryer comprises several blowing fan levels, from which drying gas is blown on both sides of the web, and which method comprises measuring the web's moisture information (ho) on the web section entering the pulp dryer by a first moisture sensor (So) and measuring the web's moisture information (hN) on the emerging web section by a later moisture sensor (SN). In addition, the method comprises dividing the pulp dryer (10) into two or more drying sections (101,...ION) and controlling the moisture level of the pulp web (W) separately in each drying section (101,... ION). The invention also concerns an apparatus for control of the drying process taking place in a pulp dryer, in which apparatus the pulp dryer comprises several blowing fan levels, from which blowing of drying gas is arranged on both sides of the web and wherein a first moisture sensor (S1) is arranged for the web section entering the pulp dryer and a last moisture sensor (SN) is arranged for the web section emerging from the pulp dryer, and wherein the pulp web's moisture level existing in the pulp dryer is controlled by a steam valve/steam valves. In the apparatus according to the invention the pulp dryer (10) is divided into two or more drying sections (101,...ION) and a separate control of the moisture level of the pulp web (W) is arranged for each drying section (101,...ION).

IPC 8 full level

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