

Title (en)

System for adjusting and controlling the water content in paper during the production cycle

Title (de)

System zum Einstellen und Kontrollieren des Wassergehalts von Papier während des Produktionszyklus

Title (fr)

Système d'ajustement et de contrôle du contenu en eau en papier durant le cycle de production

Publication

**EP 2202356 A1 20100630 (EN)**

Application

**EP 08172811 A 20081223**

Priority

EP 08172811 A 20081223

Abstract (en)

The invention is a new system for adjusting and controlling at least the humidity content of paper (F) during the production cycle in paper production plants, comprising one or more devices (M) that emit microwaves at controlled frequency and are suited to dehumidify areas of the paper (F) while the paper (F) slides. The new system comprises also measuring devices (C) suited to determine the paper humidity profile (P) along a measurement section (F2) and an electronic unit (S) that receives data from said measuring devices (C) and activates/deactivates and/or modifies the power of the microwave emitting devices (Mx) that act where humidity peaks are detected.

IPC 8 full level

**D21F 5/16** (2006.01)

CPC (source: EP)

**D21F 5/167** (2013.01)

Citation (search report)

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- [X] WO 8703632 A1 19870618 - IMATRAN VOIMA OY [FI]
- [X] DE 19841638 A1 20000316 - VOITH SULZER PAPIERTECH PATENT [DE]
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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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