

Title (en)

A MOISTURISING DEVICE FOR A WEB OF SHEET MATERIAL, IN PARTICULAR PAPER

Publication

EP 0405213 A3 19910904 (EN)

Application

EP 90111004 A 19900611

Priority

IT 6753789 A 19890630

Abstract (en)

[origin: EP0405213A2] The device serves to moisturise uniformly in a transverse direction a web of paper (2) translating at high speed, and consists of first and second counter-rotating cylinders (4, 5) between which the paper web passes in such a way as partly to wrap over a lateral surface of a first cylinder (5), cooling means (30) disposed within the first cylinder, and a condensation chamber (6) within which the first cylinder is partially housed in such a way as to delimit the interior thereof with its lateral surface, the said chamber being subdivided in the direction of the axis of rotation (10) of the first cylinder into a plurality of compartments (40) each of which is provided with means (50) for directing saturated steam against the said first cylinder.

IPC 1-7

D21G 7/00

IPC 8 full level

D21F 7/00 (2006.01); **D21G 7/00** (2006.01)

CPC (source: EP)

D21F 7/003 (2013.01); **D21G 7/00** (2013.01)

Citation (search report)

- [A] GB 2127871 A 19840418 - BELOIT CORP
- [A] DE 2203973 A1 19730809 - PAGENDARM ERICH
- [A] GB 712717 A 19540728 - CHAMPION PAPER & FIBRE CO
- [A] GB 1156056 A 19690625 - GREENBANK ENGINEERING COMPANY, et al

Cited by

DE10055999A1; EP1052329A3; CN112761019A

Designated contracting state (EPC)

BE DE FR

DOCDB simple family (publication)

EP 0405213 A2 19910102; **EP 0405213 A3 19910904**; **EP 0405213 B1 19950329**; DE 69018135 D1 19950504; DE 69018135 T2 19951123; IT 1232534 B 19920219; IT 8967537 A0 19890630

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