

Title (en)

A moisturising device for a web of sheet material, in particular paper.

Title (de)

Befeuchtungsvorrichtung für bandförmiges Material, insbesondere Papier.

Title (fr)

Dispositif d'humidification d'une matière en bande, en particulier du papier.

Publication

**EP 0405213 A2 19910102 (EN)**

Application

**EP 90111004 A 19900611**

Priority

IT 6753789 A 19890630

Abstract (en)

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)

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