

Title (en)

Apparatus for humidifying a web material

Title (de)

Einrichtung zum Befeuchten einer Materialbahn

Title (fr)

Dispositif pour l' humidification d' une bande de matériau

Publication

EP 0960978 A3 20000719 (DE)

Application

EP 99109106 A 19990507

Priority

DE 19824170 A 19980529

Abstract (en)

[origin: EP0960978A2] The apparatus (10) to wet a web material (12), especially of paper or cardboard, only covers the edges of the web (12) so that the edges alone are moistened. The edges of the web (12) are covered at both sides, for both sides of the web to be wetted by the U-shaped wetting units (14) round each web edge (16). The unit covers an edge strip of the web (12) which is 10-15 cm wide, in the same dimensions at both sides of the web. The two legs of the wetting unit U-profile can swing in relation to each other, to give an opening for the insertion of the web (12) and then close over the inserted web. At least one wetting unit (14) is a heated steamer, with a double mantle, and a take-off for condensation and a steam suction extraction. The wetting units (14) extend along the line (L) of web travel, and in a length to give the web a dwell time of at least 0.3 ms within the wetting units (14).

IPC 1-7

D21G 7/00

IPC 8 full level

D21G 7/00 (2006.01)

CPC (source: EP US)

D21G 7/00 (2013.01 - EP US); **Y10S 162/06** (2013.01 - EP US)

Citation (search report)

- [XY] US 5557860 A 19960924 - KOTITSCHKE GERHARD [DE], et al
- [Y] EP 0609544 A1 19940810 - VIB APPARATEBAU GMBH [DE]
- [DA] DE 3741680 A1 19890622 - PAGENDARM GMBH [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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