

Title (en)
DEVICE FOR HUMIDIFYING A MATERIAL WEB

Title (de)
VORRICHTUNG ZUM BEFEUCHTEN EINER MATERIALBAHN

Title (fr)
DISPOSITIF D'HUMIDIFICATION D'UNE BANDE DE MATERIAU

Publication
EP 1233834 B1 20030827 (DE)

Application
EP 00935208 A 20000614

Priority
• DE 19950009 A 19991018
• EP 0005478 W 20000614

Abstract (en)
[origin: US6827781B1] A device for moistening a material web moved in the transport direction, is preferably used for re-moistening a paper or textile web dried after printing by means of spray device for spraying a water fog onto the material web under the influence of an electrostatic field produced by a device for electrostatic charging. The device includes a reversing roller provided in the transport direction upstream of the spray device for deflecting the material web. The reversing roller has associated with it a device designed as a corona-charging electrode for electrostatic charging and the spray device has two water spray heads located on both sides of the material web.

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B05B 5/14; B05D 1/04

IPC 8 full level
B65H 27/00 (2006.01); **B05B 5/08** (2006.01); **B05B 5/14** (2006.01); **B05D 1/04** (2006.01); **B41F 23/02** (2006.01)

CPC (source: EP US)
B05B 5/14 (2013.01 - EP US); **B41F 23/02** (2013.01 - EP US)

Cited by
DE102005048002B4; EP1772933A1; DE102009041375A1; US9186881B2; US8979004B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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US 6827781 B1 20041207; AT E248027 T1 20030915; DE 19950009 A1 20010426; DE 19950009 B4 20121122; DE 50003482 D1 20031002; EP 1233834 A1 20020828; EP 1233834 B1 20030827; ES 2206241 T3 20040516; JP 2003512156 A 20030402; WO 0128693 A1 20010426

DOCDB simple family (application)
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