

Title (en)
Paper humidifier

Title (de)
Vorrichtung zum Befeuchten von Papier

Title (fr)
Réhumidificateur de papier

Publication
EP 0569273 B1 19960410 (FR)

Application
EP 93401126 A 19930430

Priority
FR 9205566 A 19920506

Abstract (en)
[origin: EP0569273A1] The present invention relates to a paper rehumidifier, of the type comprising means (54, 55, 56) for driving a paper web (P) over a predetermined path on the inside of an enclosure (8), into which open nozzles (36, 37) for spraying a humidifying mist. According to the invention, the enclosure (8) is leak-proof and communicates, at a point remote from the spray nozzles (36, 37), with the inlet of a suction device (41), the outlet (43) of which opens onto the outside of the enclosure. This suction device preferably consists of a fan (41) communicating with the enclosure (8) by way of a blister remover (48). The invention is used particularly in lines for the printing of newspapers or other publications, for the rehumidification of the printed paper at the exit of the drier. <IMAGE>

IPC 1-7
B41F 23/02; **D21G 7/00**

IPC 8 full level
B41F 23/02 (2006.01); **D21G 7/00** (2006.01)

CPC (source: EP US)
B41F 23/02 (2013.01 - EP US); **D21G 7/00** (2013.01 - EP US)

Cited by
CN112046143A

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

DOCDB simple family (publication)
EP 0569273 A1 19931110; **EP 0569273 B1 19960410**; AT E136499 T1 19960415; CA 2095394 A1 19931107; CA 2095394 C 20040406; DE 69302127 D1 19960515; FR 2690871 A1 19931112; FR 2690871 B1 19970117; US 5384968 A 19950131

DOCDB simple family (application)
EP 93401126 A 19930430; AT 93401126 T 19930430; CA 2095394 A 19930503; DE 69302127 T 19930430; FR 9205566 A 19920506; US 5853893 A 19930505