

Title (en)

PROCESS AND DEVICE FOR MOISTENING A MOVING PRINTED THEN THERMALLY DRIED WEB OF MATERIAL.

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEFEUCHTEN EINER BEDRUCKTEN UND ANSCHLIESSEND THERMSICH GETROCKNETEN, BEWEGTEN MATERIALBAHN.

Title (fr)

PROCEDE ET DISPOSITIF D'HUMIDIFICATION D'UNE BANDE DE MATERIAU EN MOUVEMENT IMPRIMEE PUIS THERMIQUEMENT SECHEE.

Publication

EP 0655030 A1 19950531 (DE)

Application

EP 93917539 A 19930807

Priority

- DE 4227136 A 19920817
- DE 9300715 W 19930807

Abstract (en)

[origin: US5596930A] PCT No. PCT/DE93/00715 Sec. 371 Date Feb. 16, 1995 Sec. 102(e) Date Feb. 16, 1995 PCT Filed Aug. 7, 1993 PCT Pub. No. WO94/04364 PCT Pub. Date Mar. 3, 1994A process and device are disclosed for moistening a moving web of material (10), in particular for moistening again a printed then dried printed material. As soon as possible after the thermal drying process is concluded, preferably in the area of the cooling cylinders, a moistening agent is pressed on one or both sides of the web of material (10) by an applicator (12) by means of a smooth cylinder (15), against a guiding element (11).

IPC 1-7

B41F 23/02

IPC 8 full level

B41F 23/02 (2006.01); **B41F 23/04** (2006.01)

CPC (source: EP US)

B41F 23/02 (2013.01 - EP US)

Citation (search report)

See references of WO 9404364A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

US 5596930 A 19970128; AT E146129 T1 19961215; DE 4227136 A1 19940224; DE 4227136 C2 19950614; DE 4227136 C3 19980813; DE 59304757 D1 19970123; DK 0655030 T3 19970602; EP 0655030 A1 19950531; EP 0655030 B1 19961211; ES 2096935 T3 19970316; JP 3089585 B2 20000918; JP H08500064 A 19960109; WO 9404364 A1 19940303

DOCDB simple family (application)

US 38782295 A 19950216; AT 93917539 T 19930807; DE 4227136 A 19920817; DE 59304757 T 19930807; DE 9300715 W 19930807; DK 93917539 T 19930807; EP 93917539 A 19930807; ES 93917539 T 19930807; JP 50575694 A 19930807