

Title (en)

A DRYING SECTION EQUIPPED WITH BLOWING NOZZLES

Publication

EP 0364425 A3 19901114 (EN)

Application

EP 89850336 A 19891009

Priority

SE 8803651 A 19881013

Abstract (en)

[origin: EP0364425A2] The invention relates to a drying section (10) equipped with blowing nozzles (11, 11 min), each of which is intended to direct an air stream (12) onto print material (14) carrying wet print (13). During a print drying process, respective nozzles (11) are located at a distance of less than 10 mm from the print (13), and the velocity of the air stream adjacent respective nozzles exceeds 100 m/sec, the time duration of the air streams being shorter than 10 sec, preferably between 1 and 5 sec for surface drying the wet print.

IPC 1-7

B41F 23/04

IPC 8 full level

G03F 7/16 (2006.01); **B41F 23/04** (2006.01); **F26B 15/00** (2006.01)

CPC (source: EP)

B41F 23/0426 (2013.01); **B41F 23/0436** (2013.01); **B41F 23/0443** (2013.01)

Citation (search report)

- [X] GB 905942 A 19620912 - THOMAS ALFRED GARDNER
- [Y] FR 1121791 A 19560827 - ERICH KIEFER
- [Y] DE 3245282 A1 19840607 - KNIPISM SAVODPROEKT [BG]
- [Y] DE 2547902 A1 19770505 - FRANKENTHAL AG ALBERT

Cited by

DE102005010992B4; CN101890837A; EP0706883A1; US5618584A; EP0635370A1; US5517214A; US5915304A; US8942615B2; WO0185455A1; WO2012030330A1; WO9523701A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0364425 A2 19900418; **EP 0364425 A3 19901114**; JP H02210445 A 19900821; SE 8803651 D0 19881013; SE 8803651 L 19900414

DOCDB simple family (application)

EP 89850336 A 19891009; JP 26796689 A 19891013; SE 8803651 A 19881013