

Title (en)

DAMPING DEVICE FOR OFFSET PRINTING MACHINES

Publication

EP 0305796 A3 19890322 (DE)

Application

EP 88113209 A 19880816

Priority

IT 6771987 A 19870817

Abstract (en)

[origin: EP0305796A2] The wetting system has a rotating delivery roller (4) driven by a separate independent drive motor (5) with a variable rate of rotation, which clips into a liq. bath (3) for receiving a thin liq. film. The thickness of the latter is regulated across the width of the roller (4) via a resilient scraper blade which is biased against the roller surface. The scraper blade is acted on by a number of separately regulated biasing elements along its length, controlled by an electronic evaluation stage (24) also used to regulate the speed of the drive motor (5) in response to the supplied printing machine operating parameters.

IPC 1-7

B41F 7/26; **B41F 7/24**; **B41F 33/00**

IPC 8 full level

B41F 7/24 (2006.01); **B41F 7/26** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)

B41F 7/24 (2013.01 - EP US); **B41F 7/26** (2013.01 - EP US); **B41F 33/0054** (2013.01 - EP US)

Citation (search report)

- [Y] FR 2441488 A1 19800613 - ROLAND MAN DRUCKMASCH [DE]
- [Y] EP 0090181 A1 19831005 - ROLAND MAN DRUCKMASCH [DE]
- [Y] DE 2057689 B1 19711216 - MASCHF AUGSBURG NUERNBERG AG
- [Y] GB 1324690 A 19730725 - CHAMPION PAPER CO LTD
- [Y] FR 806676 A 19361222 - DRESDEN LEIPZIGER SCHNELLPRESS
- [A] US 4289167 A 19810915 - SWITALL THOMAS G
- [Y] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 73 (M-368)[1796], 3. April 1985; & JP-A-59 204 555 (TOSHIBA KIKAI K.K.) 19-11-1984

Cited by

EP0437665A3; EP0700782A3; DE102008049355A1; CN106414076A; WO9948693A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0305796 A2 19890308; **EP 0305796 A3 19890322**; **EP 0305796 B1 19930512**; AT E89220 T1 19930515; CA 1294489 C 19920121; DE 3880933 D1 19930617; IT 1211266 B 19891012; IT 8767719 A0 19870817; JP H01120341 A 19890512; US 4892035 A 19900109

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EP 88113209 A 19880816; AT 88113209 T 19880816; CA 574894 A 19880816; DE 3880933 T 19880816; IT 6771987 A 19870817; JP 20331288 A 19880817; US 23118588 A 19880811