

Title (en)

PAPER TRANSPORTING DEVICE FOR ENDLESS PAPER PRINTING INSTALLATIONS WITH A SINGLE PAPER PRESSING ROLL

Publication

EP 0108388 B1 19870909 (DE)

Application

EP 83110925 A 19831102

Priority

DE 3240914 A 19821105

Abstract (en)

[origin: US4561792A] The invention relates to a paper transportation device for printers, which use reel paper, having a motor-driven platen and one paper pressure roller which contacts the platen approximately at the center thereof so that it can be swung away in an elastic manner. The paper pressure roller is motor-driven such that the peripheral speed of the paper pressure roller leads the peripheral speed of the platen and by virtue of the arrangement of the paper pressure roller, the maximum possible angle of loop (β) of the paper and the platen is achieved. This angle is delimited by the paper pressure roller and by a paper guidance channel which is aligned to lead tangentially away from the platen. The paper guidance channel is preceded by a device which produces a bias between the paper and the platen.

IPC 1-7

B41J 11/00; **B41J 15/04**

IPC 8 full level

B41J 11/00 (2006.01); **B41J 15/04** (2006.01); **B41J 15/18** (2006.01)

CPC (source: EP US)

B41J 15/18 (2013.01 - EP US)

Cited by

US4592670A; US4773782A; DE3436684A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0108388 A2 19840516; **EP 0108388 A3 19850717**; **EP 0108388 B1 19870909**; CA 1225350 A 19870811; DE 3373440 D1 19871015; US 4561792 A 19851231; ZA 838230 B 19840627

DOCDB simple family (application)

EP 83110925 A 19831102; CA 440412 A 19831103; DE 3373440 T 19831102; US 54854383 A 19831103; ZA 838230 A 19831104