

Title (en)

PAPER FEED FOR PRINTERS WITH BAR-SIZED PLATENS, IN PARTICULAR MATRIX PRINTERS

Publication

EP 0235633 B1 19910529 (DE)

Application

EP 87101954 A 19870212

Priority

DE 3607080 A 19860304

Abstract (en)

[origin: US4789258A] Multiple paper sources, including several single sheet channels and a tractor driven endless sheet channel, feed a common channel; the single sheets are friction roller driven upstream from the common channel. The common channel is curved and feeds past a flat platen off a downstream friction roller pair which however deflects the paper to hold it taut against the platen. The friction rollers and tractors are reversibly driven and the tractor is separately disconnected from the drive and through a sensor control sheets can be retracted from the platen.

IPC 1-7

B41J 11/00; B41J 13/00; B41J 15/06

IPC 8 full level

B41J 11/00 (2006.01); **B41J 11/30** (2006.01); **B41J 11/48** (2006.01); **B41J 13/00** (2006.01); **B41J 13/10** (2006.01); **B41J 15/04** (2006.01); **B41J 15/06** (2006.01)

CPC (source: EP US)

B41J 11/005 (2013.01 - EP US); **B41J 11/30** (2013.01 - EP US); **B41J 11/48** (2013.01 - EP US); **B41J 13/10** (2013.01 - EP US); **B41J 13/103** (2013.01 - EP US)

Cited by

EP0336734A3; DE4039146A1; US4936694A; EP0327124A3; FR2649042A1; EP0385554A3; EP0374901A3; US5121867A; US6000870A; GB2221451A; GB2221451B; EP0357283A3; US5088843A; EP0311584A3; EP0310422B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0235633 A2 19870909; EP 0235633 A3 19880713; EP 0235633 B1 19910529; AT E63859 T1 19910615; DE 3607080 A1 19870910; DE 3607080 C2 19880414; DE 3770290 D1 19910704; JP S62225377 A 19871003; US 4789258 A 19881206

DOCDB simple family (application)

EP 87101954 A 19870212; AT 87101954 T 19870212; DE 3607080 A 19860304; DE 3770290 T 19870212; JP 4789687 A 19870304; US 2145387 A 19870304