

Title (en)

PAPER INSERTION DEVICE FOR A PRINTER, IN PARTICULAR FOR A MATRIX PRINTER

Publication

**EP 0423911 A3 19910807 (DE)**

Application

**EP 90250226 A 19900907**

Priority

DE 3934936 A 19891017

Abstract (en)

[origin: EP0423911A2] A paper insertion device for a printer (1) has a central deflection roller (2), above which there are arranged a printing abutment (3) and a laterally movable print head carriage (5) with a print head (4), paper guide channels (9, 10) being constructed on the central deflection roller (2) for individual sheets from an individual sheet shaft (25) with a set of separation rollers (26), and there being provided a tractor device (15) working in thrust operation. In order to achieve a particularly low construction and depth of the printer (1) together with the individual sheet shaft (25), it is proposed that the tractor device (15) be assigned to the central deflection roller (2) in the lowest possible position on the rear side (13) facing away from the printing abutment (3) relative to a printer baseplate (14), and that a paper guide channel (24), aligned tangentially on the circumference (23) of the central deflection roller (2), be arranged obliquely above the tractor device (15) for a first single sheet shaft (25).  
<IMAGE>

IPC 1-7

**B41J 11/48**

IPC 8 full level

**B41J 13/00** (2006.01); **B41J 11/48** (2006.01); **B65H 1/02** (2006.01); **B65H 5/26** (2006.01)

CPC (source: EP)

**B41J 11/48** (2013.01)

Citation (search report)

- [A] US 4789258 A 19881206 - GOMOLL GUENTER [DE], et al
- [A] US 4854757 A 19890808 - KIKUCHI KIYOJI [JP]
- [A] DE 3630782 A1 19880324 - PROTECHNO GMBH [DE]
- [A] US 4619388 A 19861028 - ONO YOSHIKI [JP], et al

Cited by

EP0593220A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0423911 A2 19910424**; **EP 0423911 A3 19910807**; **EP 0423911 B1 19941207**; AT E115053 T1 19941215; DE 3934936 A1 19910425; DE 59007930 D1 19950119; JP H03166127 A 19910718

DOCDB simple family (application)

**EP 90250226 A 19900907**; AT 90250226 T 19900907; DE 3934936 A 19891017; DE 59007930 T 19900907; JP 27207590 A 19901009