

Title (en)

Inkjet printer system with auxiliary high volume input tray

Title (de)

Tintenstrahldrucker mit grossvolumigem Hilfseingabefach

Title (fr)

Imprimante à jet d'encre avec un bac d'entrée auxiliaire à grand volume

Publication

**EP 0722839 A3 19980107 (EN)**

Application

**EP 95120395 A 19951222**

Priority

- US 37382995 A 19950117
- US 39803395 A 19950303

Abstract (en)

[origin: EP0722839A2] The invention relates to a high capacity paper supply unit (10) and method of supplying individual sheets of paper therefrom to a paper transport path in a printer (P). The high volume paper supply unit has transport apparatus therein and a pivotally mounted convex paper guide (40) and a pivotally mounted concave paper guide housing (50) at the rear of the unit define a paper path therebetween which extends generally vertically and then curves to a generally horizontal direction for feeding paper to the single sheet paper path in the printer through an access aperture (160) in the rear wall of the printer. Paper drive rollers (70) and an electrical resistance paper pre-heater (80) are mounted in the apparatus proximate the discharge end of the paper path such that pre-heated paper can be immediately fed at the appropriate location of the paper path in the printer, preferably an inkjet printer. <IMAGE>

IPC 1-7

**B41J 11/58**

IPC 8 full level

**B41J 11/00** (2006.01); **B41J 11/58** (2006.01); **B41J 29/02** (2006.01)

CPC (source: EP US)

**B41J 11/58** (2013.01 - EP); **B41J 29/026** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0622225 A2 19941102 - HEWLETT PACKARD CO [US]
- [X] EP 0287915 A2 19881026 - OKI ELECTRIC IND CO LTD [JP]
- [A] US 5150166 A 19920922 - MATSUURA YASUHIRO [JP], et al
- [A] US 4842261 A 19890627 - THOGERSEN KLAUS [US], et al
- [A] EP 0404096 A1 19901227 - OKI ELECTRIC IND CO LTD [JP]
- [A] US 4733310 A 19880322 - KAPP LUDWIG J [US], et al
- [A] US 4958823 A 19900925 - IWAKI HIROSHI [JP], et al
- [XY] T. C. AKINS ET AL.: "compact printer with automatic paper feed", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 27, no. 7b, December 1984 (1984-12-01), pages 4292 - 4293, XP002031266

Cited by

CN104191837A; AU2004314467B2; EP2610065A1; EP3351396A3; US8903268B2; WO2005070686A1; US7874665B2; US7543808B2; JP2007518602A

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

**EP 0722839 A2 19960724; EP 0722839 A3 19980107**

DOCDB simple family (application)

**EP 95120395 A 19951222**