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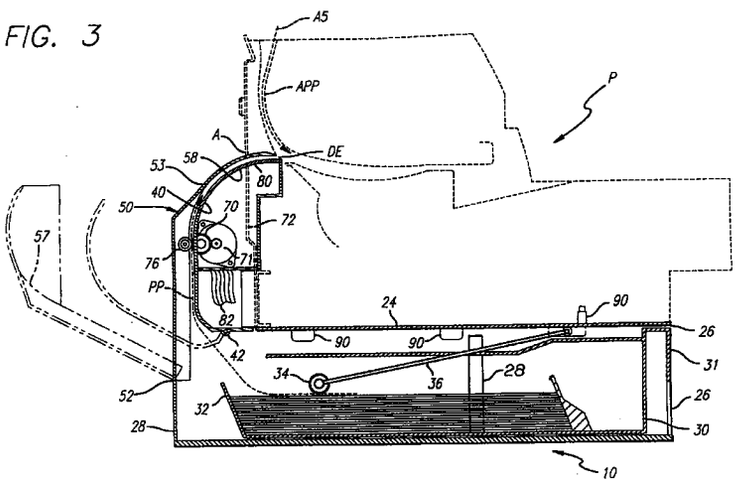
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(54) Inkjet printer system with auxiliary high volume input tray

(57) 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.

FIG. 3



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EUROPEAN SEARCH REPORT

Application Number
EP 95 12 0395

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	T. C. AKINS ET AL.: "compact printer with automatic paper feed" IBM TECHNICAL DISCLOSURE BULLETIN, vol. 27, no. 7b, December 1984, pages 4292-4293, XP002031266 * the whole document *	1,5,7	B41J11/58 B41J13/10 B41J29/06 G03G15/00
Y		2-4,6, 8-10	

Y	EP 0 622 225 A (HEWLETT-PACKARD COMPANY) * column 5, line 31 - line 43 * * column 6, line 10 - column 7, line 28; claim 7; figures 1-5A *	2-4,6, 8-10	

X	EP 0 287 915 A (OKI ELECTRIC INDUSTRY COMPANY, LIMITED) * column 1, line 21 - line 40; figures 1,3 *	1,5,7	

A	US 5 150 166 A (Y. MATSUURA ET AL.) * column 2, line 39 - line 52 * * column 3, line 21 - line 63; figures 1-3 *	1-9	TECHNICAL FIELDS SEARCHED (Int.Cl.6) B41J G03G

A	US 4 842 261 A (K. THOGERSEN ET AL.) * column 1, line 67 - column 2, line 28; figures 1,2 *	1-3,5-7	

A	EP 0 404 096 A (OKI ELECTRIC INDUSTRY CO., LTD.) * column 3, line 35 - line 40; figure 1 *	1,3,5,7	

A	US 4 733 310 A (L. J. KAPP ET AL.) * column 4, line 6 - line 65; figure 3 *	1-3,5-7	

A	US 4 958 823 A (H. IWAKI ET AL.) * claim 1; figure 2 *	1,5,7	

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
BERLIN	20 October 1997	Ducreau, F

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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