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EUROPEAN PATENT APPLICATION

21 Application number: **86402471.6**

51 Int. Cl.4: **G03G 15/10 , G03G 15/01**

22 Date of filing: **04.11.86**

30 Priority: **04.11.85 US 794910**

43 Date of publication of application:
27.05.87 Bulletin 87/22

84 Designated Contracting States:
BE DE FR GB IT LU NL

88 Date of deferred publication of the search report:
13.12.89 Bulletin 89/50

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54 **Plotter toner station.**

57 A toner station for an electrostatic printer includes a writing head (10) and an integral toner application and removal station (28). The toner application station includes a longitudinally grooved roller (35) which rotates to contact a sheet of material to which toner is to be applied. Toner is applied to roller (35) by a sprayer (44). Adjacent toner roller (35) a low pressure chamber (40) is provided to remove excess toner from sheet (15). The integral toner application and removal stages provide rigidity for the writing head (10).

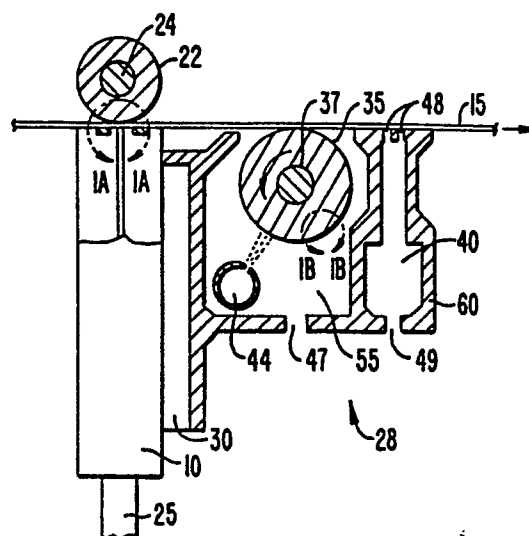


FIG. 1.

EP 0 223 693 A3



EP 86 40 2471

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.4)
X	EP-A-0 026 654 (XEROX CORP.) * Page 5, line 27 - page 7, line 2; page 8, lines 24-36; figure 7 * ---	1,8,10-13	G 03 G 15/10 G 03 G 15/01
A	US-A-3 859 960 (LLOYD) * Column 3, line 36 - column 5, line 9; figure 5 * ---	1,8-13	
A	US-A-3 921 580 (KASE) * Abstract; figures 1,2 * ---	1-7	
A	EP-A-0 153 422 (FUJI PHOTO FILM CO.) * Abstract; figures 3,5 * ---	1,10	
P,A	BUREAUX D'ETUDES AUTOMATISMES, vol. 30, no. 29, November 1986, pages 22,24,26, Paris, FR; J.-F. PREVERAUD: "Tracé électrostatique simple passe: compenser les déformations" * Page 24, figure * ---	1,2	
E	JP-A-62 239 168 (FUJI XEROX CO. LTD) * Figures 1,2 * & PATENT ABSTRACTS OF JAPAN, vol. 12, no. 107 (P-686)[2954], 7th April 1988 ---	1,8,10	TECHNICAL FIELDS SEARCHED (Int. Cl.4) G 03 G 15/10 G 03 G 15/01 G 03 G 15/32 G 03 G 15/22
E	US-A-4 734 788 (EMMETT et al.) * Column 3, lines 43-64; figure 2; claim 2 * -----	1-5,7-11	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-09-1989	Examiner CIGOJ P.M.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			