



(1) Publication number:

0 636 951 A3

EUROPEAN PATENT APPLICATION

(21) Application number: 94111881.2 (51) Int. Cl.⁶: **G03G** 15/23

22 Date of filing: 29.07.94

Priority: 30.07.93 JP 208697/93 14.09.93 JP 252447/93

43 Date of publication of application: 01.02.95 Bulletin 95/05

Designated Contracting States:
DE FR GB

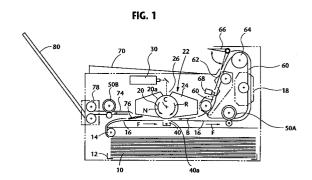
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Electrophotographic printer capable of printing on both sides of a sheet of paper.

The invention relates to an electrophotographic printer which can make printing first on the front side of a sheet of paper and then on the back side of the same sheet with conformity between the front and back sides in the head-bottom arrangement of the printed images. The printer has a photocounductive drum (20) which can be rotated both in a normal direction and in the reverse direction, an exposure unit (30) to produce electrostatic latent images on the drum surface, first developing means for developing the latent images with a toner when the drum is rotating in the normal direction, second developing means for developing the latent images with a toner when the drum is rotating in the reverse direction, a transfer unit (40) for transferring the developed images to a sheet of paper, and first and second fixing means (50A,50B) which are oppositely arranged with respect to the transfer unit. For printing on the front side of the paper sheet, the sheet is passed through the transfer unit (40) in a first direction toward the first fixing means while the drum is rotating in the normal direction. For printing on the back side of the sheet, the sheet is further conveyed by a returning route (60) which turns so as to reverse the sheet and extends to the transfer unit, and, while the drum is rotating in the reverse direction, the reversed and returned sheet passes through the transfer unit in the opposite second direction toward the second fixing means (50B).





EUROPEAN SEARCH REPORT

Application Number EP 94 11 1881

Category	Citation of document with in of relevant pa	ndication, where appropriate, ssages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X A	DE-A-42 04 470 (TOS * abstract; figures * column 32, line 2 *		18 5,7	G03G15/23
A	EP-A-0 476 921 (MIT * column 1, paragra * column 5, line 24	•	1,2,4,5, 7,8,10	
A	PATENT ABSTRACTS OF vol. 17, no. 432 (P & JP-A-05 088 588 (* abstract *	-1589) 10 August 199	3 1,5	
A	PATENT ABSTRACTS OF vol. 5, no. 73 (P-0 & JP-A-56 022 455 (* abstract *	61) 15 May 1981	1,5	
A	GB-A-1 590 872 (XER * claim 1; figure 1	OX CORP.)	1,5	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
	The present search report has b	<u> </u>		
	Place of search	Date of completion of the sear		Examiner
	THE HAGUE	24 July 1995	Gre	eiser, N
X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category L A: technological background			: theory or principle underlying the invention : earlier patent document, but published on, or after the filing date : document cited in the application : document cited for other reasons : member of the same patent family, corresponding document	