(1) Publication number:

0 280 337 Δ3

## (12)

## **EUROPEAN PATENT APPLICATION**

(21) Application number: **88103265.0** 

(51) Int. Cl.4: G03G 13/01

2 Date of filing: 01.10.84

Priority: 03.10.83 JP 183152/83 04.10.83 JP 184381/83 07.10.83 JP 187000/83 07.10.83 JP 187001/83 17.12.83 JP 238295/83 17.12.83 JP 238296/83

26.01.84 JP 13167/84

- 43 Date of publication of application: 31.08.88 Bulletin 88/35
- @ Publication number of the earlier application in accordance with Art.76 EPC: 0 143 535
- <sup>(84)</sup> Designated Contracting States: DE FR GB
- ® Date of deferred publication of the search report: 11.10.89 Bulletin 89/41

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## Multiplex image reproducing method.

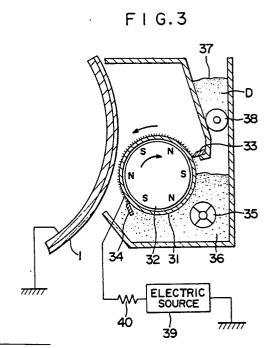
(57) A method of reproducing multiplex images wherein an electrostatic image is formed on an image retainer (1) by using a common electrostatic image forming device, the electrostatic image formed on the image retainer (1) is developed, the steps of the above are repeated to superpose a plurality of toner images on the image retainer (1), and the toner images is transferred on a recording paper by one step. Each developing step is carried nout using a bias voltage satisfying the following inequalities:

 $0.2 \le V_{AC}/(d \cdot f)$ 

and:

 ${(V_{AC}/d)-1500}/f \le 1.0$ 

where VAC is the amplitude (V) of AC component of developing bias (V), f is its frequency (Hz), and d is a gap (mm) between the image retainer (1) and a developer feeding carrier (31).





## EUROPEAN SEARCH REPORT

EP 88 10 3265

	DOCUMENTS CONS	SIDERED TO BE RELEVA	NT	
Category		indication, where appropriate	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Α	GB-A-2 111 868 (K INDUSTRY) * Abstract; page 4 1 *	ONISHIROKU PHOTO , lines 22-54; figure	1,6	G 03 G 13/01
Α	PATENT ABSTRACTS 0 22 (P-101)[900], 9 JP-A-56 144 452 (H K.K.) (Cat. D,A) 1	F JAPAN, vol. 6, no. th February 1982; & ITACHI SEISAKUSHO 0-11-1981	1,6	
	JP-A-55 18 656 (Ca	ANBE et al.) 15-41; figure 13A * & t. D,A) & JP-A-55 18 P-A-55 18 658 (Cat.	1,6	
A	DE-A-2 944 986 (H * Claim 1 *	ITACHI LTD)	1,4,6,9	
1	DE-A-3 524 159 (KI INDUSTRY) * Page 17, lines 1		1,2	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
	DE-A-3 531 098 (KI INDUSTRY) * Page 32, lines 2 1-9 *	ONISHIROKU PHOTO 7-32; page 34, lines	1,2	G 03 G 13/01 G 03 G 15/01 G 03 G 15/06 G 03 G 15/09 G 03 G 13/09 G 03 G 15/08 G 03 G 13/08
	The present search report has	been drawn up for all claims		
THE	Place of search	Date of completion of the search		Examiner
THE	HAGUE	14-07-1989	CIGO	J P.M.

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

EPO FORM 1503 03.82 (P0401)