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Method and device for registering printing press.

Disclosed in this specification are (1) a registering method for a printing press comprising the steps for magnifying a pattern of a printed medium and displaying it on a display device; inputting the coordinates of a position of each color pattern for a predetermined element of the magnified and displayed image by coordinate input means; determining a registration error between respective colors based on the coordinates of each color position and the magnification of the image; calculating a quantity required for adjustment of the position of a plate cylinder based on said registration error; and effecting and registering of the printing press depending upon the results of this calculation; (2) a device for inputting a pattern of a printed medium on a printing press, displaying the pattern on enlarged scale on the screen of a display device, inputting the coordinates of the position of each color pattern for a predetermined element within the magnified and displayed image by coordinate input means, determining a registration error between respective colors from the coordinates of the position of each color and the magnification of the image, calculating a quantity required for the adjustment of the position of a plate cylinder based on said registration error and effecting the registering of the

printing press in response to the results of this calculation; and (3) a device for displaying a pattern of a printed medium on enlarged scale on the screen of a display device, inputting the coordinates of the position of each color pattern by a friction input means by utilizing a predetermined element within the magnified and displayed image and determining a registration error between respective colors from the coordinates of the position of each color and the magnification of the image.



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EUROPEAN SEARCH REPORT

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EP 85 11 2433

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)
Y	WO-A-8 401 231 (SARGENT) * Abstract; page 7, line 31 - page 9, line 23; page 12, lines 9-24; claims *	1,2,14	B 41 F 33/00 B 41 F 13/12
A	---	3-13	
Y	GB-A-2 115 145 (INSATSU) * Page 3, lines 20-36; claims; figure 3 *	1,2,14	
A	---	3-13	
A	US-A-4 223 453 (DONNELLEY) * Abstract; column 1, lines 48-64 *	1,2,14	
A	FR-A-2 512 738 (MAN-ROLAND) * Page 4, line 3 - page 5, line 5 *	1,2	
A	DE-A-2 940 233 (WERNER) -----	1-14	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 41 F 33/00 B 41 F 13/12 G 06 F 3/033 G 06 F 15/70
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-11-1987	Examiner KOHLER G.
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	