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(54) Printed reference image compensation

(57) The present invention provides for controlling image registration of images printed on a substrate of an ink jet web press. Registration marks are printed on the substrate, relative to the print location of the images, and then read. The registration marks are used to determine spatial discrepancies in subsequent images. Dynamic corrections correct for spatial discrepancies in subsequent images to assure good overlay of image data onto previously printed images, and static corrections correct for spatial discrepancies in alignment of subsequent printheads to each other to assure good reference of image data onto previously printed images.

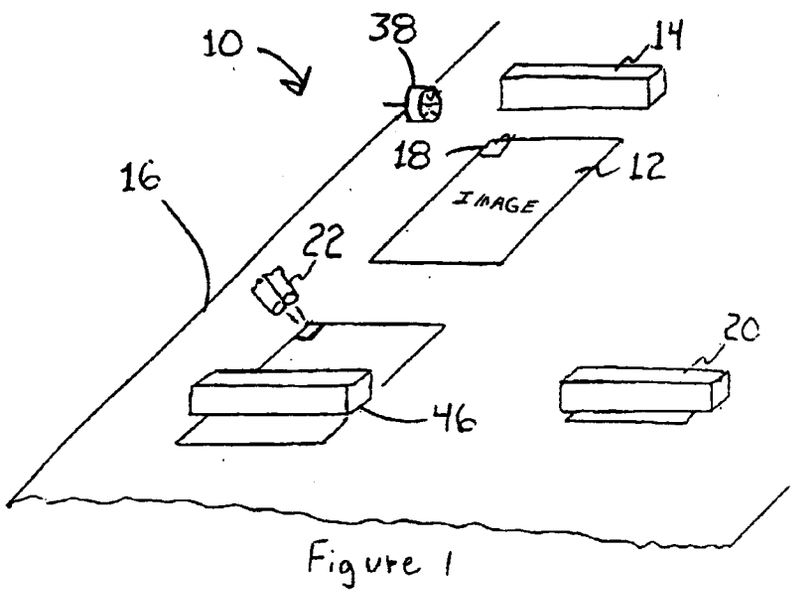

Figure 1

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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 1419

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)
A	PATENT ABSTRACTS OF JAPAN vol. 015, no. 010 (M-1068), 10 January 1991 & JP 02 261648 A (TOPPAN PRINTING CO LTD), 24 October 1990, * abstract *	1,8	B41J25/34 B41J11/46
A	EP 0 622 237 A (HEWLETT PACKARD CO) * page 4, line 47 - page 5, line 5 *	1,8	
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 344 (P-518), 20 November 1986 & JP 61 145407 A (OOKURASHIYOU INSATSU KYOKUCHO), 3 July 1986, * abstract *	1,8	
A	EP 0 540 243 A (HEWLETT PACKARD CO) * column 1, line 56 - column 2, line 17; claim 1 *	4,8,10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41J

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	9 April 1998	Wehr, W

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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