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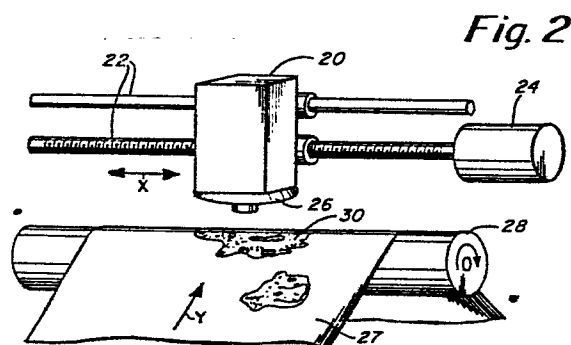
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54 **Closed loop register control.**

57 A closed loop register control system used in association with a printing press and comprising a television camera (20) in combination with a strobe light (26) and a solid state imaging device (40) which enables continuous scanning of the sheet web (27). The apparatus of this invention also comprises a printing press console (12) having associated therewith a digitizing tablet (10) and a television monitor (14). The location of the area that is to be examined is defined by the pressman. The area to be examined may be selected by laying a proof sheet (16) down on the digitizing tablet (40) and recording the coordinates of the area of interest. This controls the camera (20) and strobe light (26) with the pressman selecting one part of the image as important and causing the register mechanism to maintain register in that selected area. Electronics (42) then make comparisons between the detected image and a desired reference image to cause correction on a per color basis at the printing press stations.





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EUROPEAN SEARCH REPORT

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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. 3)
A	US-A-4 318 176 (STRATTON et al.) * Column 1, lines 35-55; column 1, line 67 - column 2, line 23 *	1,7,8	B 41 F 33/00
A	WO-A-8 300 557 (DAI NIPPON INSATSU K.K.) * Abstract; page 1, lines 24-47; page 5, lines 64-65; page 7, lines 49-62 * & GB - A - 2 115 145	1,7,8	
A	FR-A-2 322 743 (FA. WINDMOLLER & HOLSCHER) * Figure 1; page 2, line 37 - page 3, line 28 *	1,7,8	
A	US-A-4 135 664 (M.S. RESH) * Column 1, lines 35-48 *		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			B 41 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-07-1985	Examiner WEBER P.L.P.
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			