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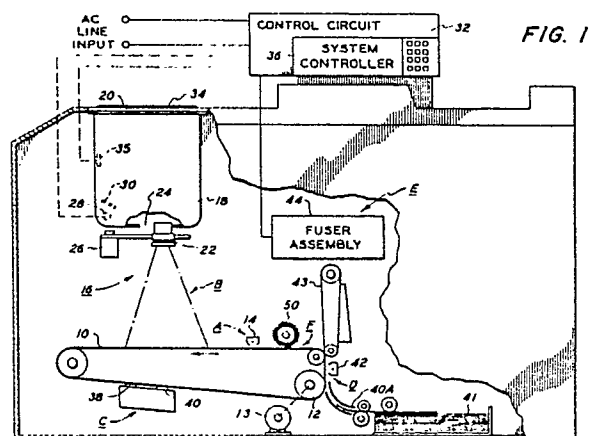
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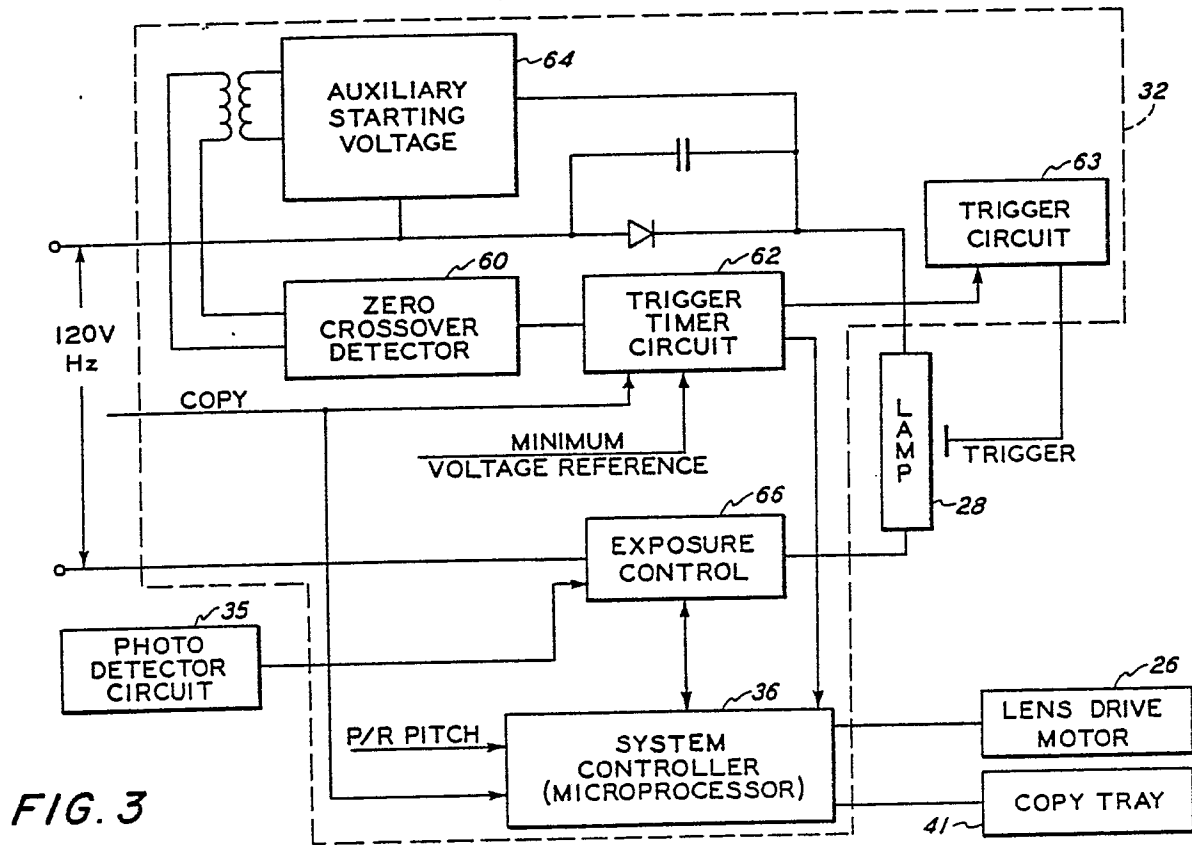
54 Reproduction machine with flash control system.

57 In a full-frame flash electrophotographic printing machine, an imaging system (16) is provided which incorporates a flash lamp (28) directly coupled to an ac line input via a control circuit (32) to enable document exposure. The imaging system also includes a lens (22) whose movement is synchronized with a moving photoreceptor (10) so that an exposure occurs registered at the same image area of the photoreceptor. The control circuit (32) may comprise a circuit (60) for detecting zero crossing points of the line voltage and for generating signals which are used to trigger the lamp into operation at some point during an 8 msec, half cycle of line operation. A further circuit (66) may be provided for controlling exposure levels to conform to detected density of the document being copied. In a second embodiment, the control circuitry (36) is used to couple the ac line into a flash fuser assembly (100) to fuse a transferred image on an output record medium (40A)

(see Figures 12 and 13).



EP 0 249 386 A3





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)
D,Y	EP-A-0 076 652 (XEROX CORP.) * Pages 3-8; figures * & US-A-4 434 353	1,11	G 03 G 15/052
A	---	9,12,13	G 03 G 15/20
Y	US-A-4 095 140 (E.H. KIRCHUFF et al.) * Column 1, lines 6-50; column 4, line 67 - column 5, line 8; figure 8 *	1,11	G 03 B 27/54
A	---	2,12	
A	GB-A-2 059 086 (XEROX CORP.) * Page 1, line 90 - page 2, line 85; figures *	1,3,5, 11,12	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 03 G 15/052
			G 03 G 15/20
			G 03 B 27/54
			G 03 B 27/16
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20-11-1989	Examiner HERYET C.D.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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