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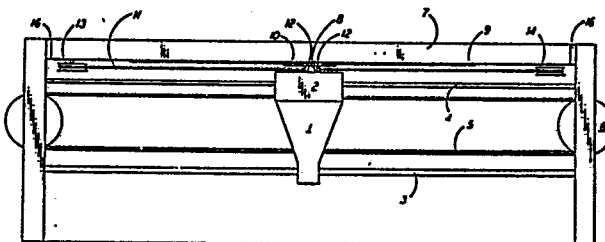
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Position indicator for high speed printers.

This invention provides a printer, having an elongate platen (7) and a print head carriage (1) adapted for relative movement therebetween longitudinally of the platen, in which a position indicator ascertains the position and direction of motion of said carriage longitudinally of said platen. The indicator comprises an optical position encoder (14) rotatably mounted on an axis fixed longitudinally of said platen, and a carriage position responsive means (11) connected to said carriage and said encoder to transmit said relative movement to said encoder to rotate said encoder in synchronism with said relative movement. The encoder has a pattern of detectable indicia and a detector (21-25) is responsive to said indicia to provide a signal indicative of said position.





European Patent
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EUROPEAN SEARCH REPORT

0107501
Application number

EP 83 30 6463

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	FR-A-2 157 187 (S.A.G.E.M.) * Figure 1; page 1, line 37 - page 2, line 14 *	1,2,6	B 41 J 3/12 B 41 J 19/20
A	GB-A-2 012 089 (KLIMEK, HUBER) * Figures 1-5; page 3, line 54 - page 4, line 21 *	1-5,7, 8	
A	FR-A-2 407 077 (GENERAL ELECTRIC CO.)	1,2,7	
A	FR-A-2 393 355 (NIPPON ELECTRIC CO.)	1,2,7	
A	FR-A-2 294 852 (NIPPON ELECTRIC CO.)	1,2,7	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			B 41 J G 01 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24-04-1985	Examiner HERBELET J.C.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			