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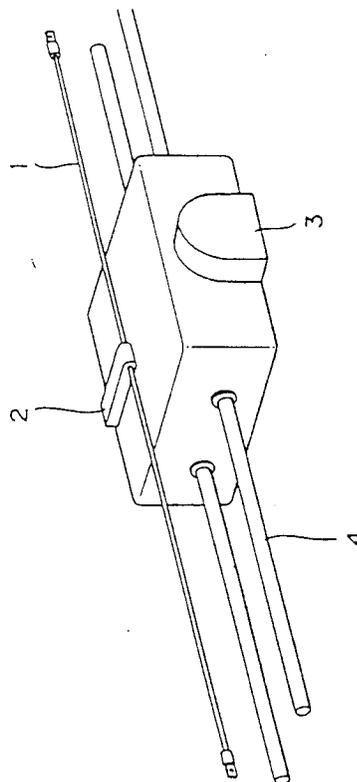
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**Printing machine.**

There is provided a printing machine for performing a positional control by a linear encoder, which comprises a linear encoder memory having a magnetic recording medium (1) formed of an alloy containing iron, chrome and cobalt, and a magnetic head (2) for detecting said magnetic record (1), and which is economical and has high reliability even under an environment in which the machine is easily contaminated.

**FIG. 1**



**EP 0 514 038 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.5)
Y	PATENT ABSTRACTS OF JAPAN vol. 10, no. 265 (M-515)(2321) 10 September 1986 & JP-A-61 089 878 ( FUJITSU LTD. ) * abstract *	1,4-8	B41J19/20
A	---	2,3	
Y	DATABASE WPIL Week 9015, Derwent Publications Ltd., London, GB; AN 90-111418 & JP-A-2 061 519 (YAMAHA CORP.) 1 March 1990 * abstract *	1,4-8	
A	---	1	
A	US-A-4 838 717 (OGURA) 13 June 1989 * column 2, line 24 - column 3, line 2; figures *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.5)  B41J G11B
A	EP-A-0 372 844 (NCR CORP.) 13 June 1990 * page 2, column 1, line 34 - column 2, line 17; figures *	1	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 NOVEMBER 1992	Examiner RAKOTON DRAJAONA C.
<b>CATEGORY OF CITED DOCUMENTS</b> 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	