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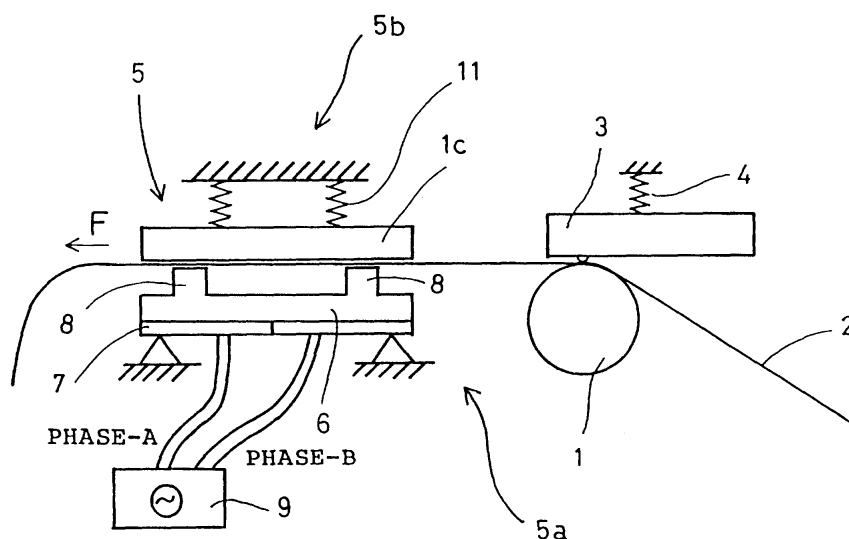
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(54) **Printer apparatus**

(57) A mechanism for feeding recording paper is simplified in a printer apparatus. The printer apparatus is provided with a platen 1 disposed along a direction of the width of recording paper 2 and a thermal head 3 which is pressed against the platen 1 with the recording paper 2 therebetween to carry out the operation for printing information every one line. A linear type ultrasonic motor 5 is used as means for feeding the recording paper 2. The ultrasonic motor 5 feeds the recording paper 2 while being synchronised with the printing operation

along a paper feeding direction F from a paper inserting side toward a paper ejecting side of the platen. The ultrasonic motor 5 includes an ultrasonic wave applying portion 5a and a pressure applying portion 5b. The ultrasonic wave applying portion 5a is brought into contact with the recording paper 2 on the paper ejecting side to apply the ultrasonic vibration. The pressure applying portion 5b presses the recording paper 2 against the ultrasonic wave applying portion 5a and converts the ultrasonic vibration into frictional force to draw out the recording paper in the paper feeding direction F.

FIG. 1



EP 0 823 330 A3



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EUROPEAN SEARCH REPORT

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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 15 April 1999	Examiner Didenot, B
<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>			

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EP 97 30 5992

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