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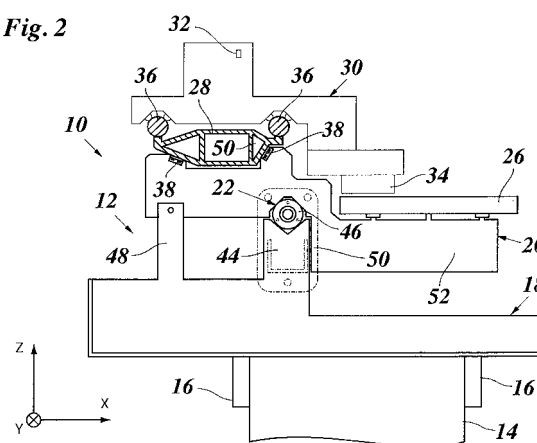
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(54) **Frame structure of a scanning-type printer**

(57) A printer comprising: a frame (10), a feed roller rotatably supported in the frame (10) for advancing a recording medium, a sheet support plate (26) for supporting said recording medium, a guide rail (28) extending in parallel with an axial direction (Y) of the feed roller, and a carriage (30) guided at the guide rail (28) and carrying a printhead (34) facing the recording medium on the sheet support plate, the frame (10) being composed of a support structure (12) and two plate-like function blocks (20), which are supported on said support structure (12) at both ends of the feed roller (24) so as to extend in respective planes (X-Z) normal to said axial direction (Y), and which support the guide rail (28) and the sheet support plate (26), wherein the feed roller is rotatably supported in two bearings (22), each of which has a bearing case (46), each bearing case (46) is supported on a member (18) of the support structure (12), each of the function blocks (20) defines a downwardly open V-shaped notch which is supported on the peripheral surface of one of the bearing cases (46) at exactly two points, and the guide rail (28) rests on V-shaped top surfaces of the function blocks (20) and is thereby accurately positioned in both directions (X, \pm Z) normal to said axial direction (Y).

Fig. 2





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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 18 April 2008	Examiner Callan, Feargel
<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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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