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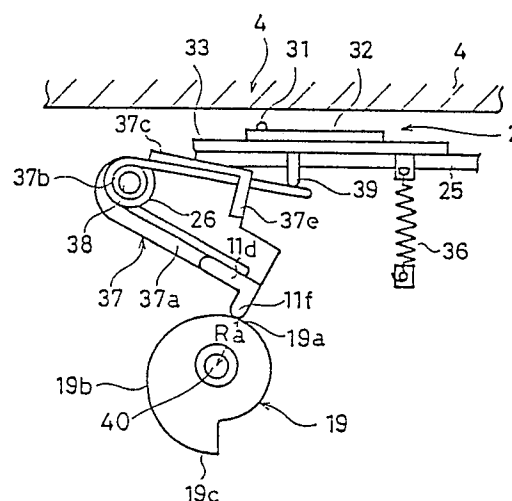
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54 Thermal recording apparatus.

57 A thermal recording apparatus comprises a platen (3) a thermal head (2) for carrying out thermal recording by pressing a recording paper (4) onto the platen, a spring member (36) for pressing the thermal head (2) onto the platen (3) by the spring force, a displacing member (19) displaceably provided while being in contact with the spring member (36) for changing the force of the spring member (36) by the displacement, selecting means having a plurality of printing process controlling data for selecting therefrom specific printing process for controlling data corresponding to the state of printing, and displacing amount controlling means for controlling the amount of displacement of displacing member in accordance with the specific printing process condition selected by the selecting means. The pressure of the thermal head (2) onto the recording paper (4) can be controlled corresponding to the conditions of printing and to the types of the recording paper (4) by the above described structure.

FIG.11





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)
X	PATENT ABSTRACTS OF JAPAN, vol. 11, no. 272 (M-622)[2719], 4th September 1987; & JP-A-62 74 667 (TOSHIBA CORP.) 06-04-1987 * Abstract * ---	1,4-6,8 ,15	B 41 J 25/30
A	Idem ---	2,3,9- 12	
A	EP-A-0 213 934 (SEIKO EPSON) * Column 4, line 33 - column 5, line 57; column 7, line 16 - column 9, line 62; figures 1A,1B,3 * ---	1-3,4-6 ,8-12, 15	
A	IBM TECHNICAL DISCLOSURE BULLETIN, vol. 20, no. 6, November 1977, pages 2366-2367, New York, US; N.F. COLE et al.: "Springloaded floating platen assembly" ---		
A	PATENT ABSTRACTS OF JAPAN, vol. 11, no. 105 (M-577)[2552], 3rd April 1987; & JP-A-61 254 364 (MATSUSHITA ELECTRIC IND. CO. LTD) 12-11-1986 -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 06-12-1989	Examiner ADAM E. M. P.
CATEGORY OF CITED DOCUMENTS 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			