

Title (en)  
Printer assembly and printer

Title (de)  
Druckeranordnung und Drucker

Title (fr)  
Assemblage d'impression et imprimante

Publication  
**EP 1086817 A3 20010516 (EN)**

Application  
**EP 00120421 A 20000918**

Priority  
JP 26736699 A 19990921

Abstract (en)  
[origin: EP1086817A2] A printer (1) and a printer assembly (10) of the present invention includes: a line thermal head (11); a platen roller (12) having surface of high coefficient of friction for holding a printing paper between the platen roller and the line thermal head to feed the printing paper; supporting rollers (13a;13b) having surface of low coefficient of friction, disposed at front and rear of the platen roller along a paper feeding direction so as to support the platen roller from a side opposed to the line thermal head; a supporting plate (14) extending along the supporting rollers so as to receive the surfaces of the supporting rollers from a side opposed to the line thermal head; and pressurizing means for applying pressure between the supporting plate and the line thermal head. The platen roller is supported along its longitudinal direction by the supporting plate via the supporting rollers comprising a small member with low coefficient of friction. Accordingly, even when the diameter of a platen roller is small, it is possible to apply sufficient pressure on to the line thermal head, and thin and compact printer assembly and printer can be provided. <IMAGE>

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Citation (search report)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11 29 November 1996 (1996-11-29)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 256 (M - 179) 15 December 1982 (1982-12-15)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 158 (M - 591) 22 May 1987 (1987-05-22)

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