

Title (en)  
Thermal printer.

Title (de)  
Wärmedrucker.

Title (fr)  
Imprimante thermique.

Publication  
**EP 0134022 A2 19850313 (EN)**

Application  
**EP 84109471 A 19840809**

Priority  
JP 14694783 A 19830810

Abstract (en)  
A thermal printer having a reciprocating carriage (8), a thermal print head (14) provided on the carriage, a controller (1) for controlling the movement of the carriage and the printing operation of the print head, a ribbon cassette (10) mounted on the carriage, an inked ribbon (21) coiled within the ribbon cassette, a carriage drive motor (3) and drive belt (5) for reciprocating the carriage, and an inked ribbon take-up mechanism for taking up the inked ribbon in one direction by the reciprocative movement of the carriage, wherein the thermal print head is provided with a plurality of thermal element arrays (24, 25) having different pitches of thermal elements or different sizes of thermal elements.

IPC 1-7  
**B41J 3/20**

IPC 8 full level  
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CPC (source: EP KR)  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0134022 A2 19850313**; **EP 0134022 A3 19850717**; **EP 0134022 B1 19871125**; DE 3467734 D1 19880107; JP S6036177 A 19850225; KR 850002082 A 19850506; KR 910004966 B1 19910720

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