

Title (en)  
Thermal printer

Title (de)  
Thermodrucker

Title (fr)  
Imprimante thermique

Publication  
**EP 1338423 A2 20030827 (EN)**

Application  
**EP 03250982 A 20030218**

Priority  
JP 2002045031 A 20020221

Abstract (en)  
To provide a thermal printer that is capable of simplifying the assembling work to reduce the manufacturing cost. A frame (F) is comprised of a lower frame member (F1) and an upper frame member (F2) that is dividable up and down, and receiving portions (receiving portion A, gear receiving portion B) for receiving a line thermal head (H), a platen roller (1), a motor (M), and a gear (G1) are formed in the lower frame member, respectively, and at the same time, a plurality of holder portions (C1 to C4, D1 to D4) for rotatably clamping each rotary shaft of the platen roller and the motor when both frames are coupled together are formed in side wall portions of the lower frame member and side wall portions of the upper frame member. <IMAGE>

IPC 1-7  
**B41J 2/32**; B41J 25/304; B41J 2/325; B41J 11/04

IPC 8 full level  
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CPC (source: EP)  
**B41J 2/32** (2013.01); **B41J 11/18** (2013.01); **B41J 11/24** (2013.01)

Cited by  
EP3246169A1; EP3238944A1; US10350923B2; US10059126B2

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**EP 1338423 A2 20030827**; **EP 1338423 A3 20040414**; **EP 1338423 B1 20060816**; CN 1325276 C 20070711; CN 1439525 A 20030903; DE 60307530 D1 20060928; DE 60307530 T2 20070215; JP 2003237118 A 20030827

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