

Title (en)
Thermal printer

Title (de)
Thermodrucker

Title (fr)
Imprimante thermique

Publication
EP 1338424 B1 20060906 (EN)

Application
EP 03250980 A 20030218

Priority
JP 2002045030 A 20020221

Abstract (en)
[origin: EP1338424A1] To provide a thermal printer in which the number of parts is decreased for the miniaturization and to simplify the assembling work to make it possible to reduce the manufacturing cost. In a thermal printer including at least: a frame (F) having a pair of side wall portions arranged to face each other at a predetermined interval in a paper width direction; a line thermal head (H) for performing printing; a platen roller (1) having a circumferential surface brought into contact with the thermal head; a pressure means for depressing a back surface of the line thermal head so that the line thermal head is brought into pressing contact with the surface of the platen roller; a motor (M) as a drive source; and a gear transmission mechanism (G1) for transmitting a rotational drive force of the motor to the platen roller, the pressure means is constituted by a part (for example, a pressure portion 10 constituted by a part of the frame) of constituents of the frame brought into pressing contact with a back surface of the head support member. <IMAGE>

IPC 8 full level
B41J 2/32 (2006.01); **B41J 2/325** (2006.01); **B41J 11/04** (2006.01); **B41J 25/304** (2006.01); **B41J 25/312** (2006.01); **B41J 29/38** (2006.01)

CPC (source: EP)
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DE FR IT

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EP 1338424 A1 20030827; **EP 1338424 B1 20060906**; CN 1330503 C 20070808; CN 1439526 A 20030903; DE 60308072 D1 20061019; DE 60308072 T2 20070222; JP 2003237121 A 20030827

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