

Title (en)  
Thermal printer

Title (de)  
Thermodrucker

Title (fr)  
Imprimante thermique

Publication  
**EP 1323535 A3 20040107 (EN)**

Application  
**EP 02258479 A 20021209**

Priority  
JP 2001400460 A 20011228

Abstract (en)  
[origin: EP1323535A2] To provide a thermal printer in which a planar area may be reduced when the printer is mounted on various information equipments. <??>The printer is composed of an operating piece (5d) formed by extending one end portion of a rotary shaft support portion (5a) of a lock arm (5) in a direction away from a platen roller (2) and a downwardly depressing means (slide type release lever L1, rotary type release lever L2) engaging with the operating piece for downwardly depressing this operating piece against a biasing force of a biasing means. There is provided a platen roller release means for releasing the engagement condition between the rotary shaft of the platen roller and the rotary shaft support portion of the lock arm member. <IMAGE> <IMAGE>

IPC 1-7  
**B41J 2/32**; **B41J 3/36**; **B41J 29/02**; **B41J 11/04**

IPC 8 full level  
**B41J 11/04** (2006.01); **B41J 2/32** (2006.01); **B41J 11/20** (2006.01)

CPC (source: EP)  
**B41J 2/32** (2013.01); **B41J 11/04** (2013.01); **B41J 11/24** (2013.01); **B41J 2202/31** (2013.01)

Citation (search report)  
• [A] EP 1052107 A2 20001115 - SEIKO INSTR INC [JP]  
• [A] EP 0894640 A2 19990203 - SEIKO INSTR INC [JP]  
• [A] US 6276848 B1 20010821 - TAKIZAWA HIROSHI [JP], et al  
• [A] EP 0806297 A2 19971112 - FUJITSU TAKAMISAWA COMPONENT [JP]

Cited by  
EP1826017A2; EP1900531A1; CN102001233A; EP1882595A1; CN105383190A; EP3064361A1; EP1749671A1; FR2889555A1; EP1338423A3; US8044987B2; US8395647B2; US9186904B2; US9623672B2; US9061530B2; WO2012015535A1; US8579528B2; US7561173B2

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