

Title (en)
Thermal transfer printer

Title (de)
Wärmübertragungsdrucker

Title (fr)
Imprimante à transfert thermique

Publication
EP 0945274 A2 19990929 (EN)

Application
EP 99301857 A 19990310

Priority
JP 7780898 A 19980325

Abstract (en)

It is the object of the present invention to provide a thermal transfer printer which can realize a correct transfer even on the portion where the ink is overlaid on the already transferred ink or slightly transferred with the use of durable resin-based ink and a vivid multi-gradation recording. To achieve this object, the thermal transfer printer according to the present invention is provided with an ink ribbon (17) comprising a base substance (26), a separating layer (27) laminated on the base substance (26), and a resin-based ink layer (28) laminated on the separating layer (27), and a heat insulation layer (31) formed on a recording paper (29), and a control unit (25) for controlling a time of carrying a current to the thermal head (7) in a plurality of steps according to the gradation of an image to be recorded. <IMAGE>

IPC 1-7
B41J 2/36

IPC 8 full level
B41J 2/325 (2006.01); **B41J 2/36** (2006.01); **B41J 31/00** (2006.01); **B41M 5/382** (2006.01); **B41M 5/40** (2006.01); **B41M 5/41** (2006.01);
B41M 5/50 (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP)
B41J 2/36 (2013.01)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0945274 A2 19990929; EP 0945274 A3 20000223; EP 0945274 B1 20051109; CN 1232751 A 19991027; CN 1234534 C 20060104;
DE 69928155 D1 20051215; DE 69928155 T2 20060524; JP H11268313 A 19991005

DOCDB simple family (application)
EP 99301857 A 19990310; CN 99102880 A 19990311; DE 69928155 T 19990310; JP 7780898 A 19980325