

Title (en)
PRINTER CARTRIDGE UNIFYING THERMAL RIBBON AND TRANSFER MEDIUM AND THERMAL TRANSFER PRINTER EMPLOYING THE SAME

Title (de)
EIN THERMOBAND UND EIN TRANSFERMEDIUM VEREINIGENDE DRUCKERKASSETTE UND DIESE EINSETZENDER THERMOTRANSFERDRUCKER

Title (fr)
CARTOUCHE D IMPRIMANTE UNISSANT UN RUBAN THERMIQUE ET SUPPORT DE TRANSFERT ET IMPRIMANTE A TRANSFERT THERMIQUE UTILISANT CETTE CARTOUCHE

Publication
EP 1881901 A4 20100707 (EN)

Application
EP 06757610 A 20060502

Priority

- KR 2006001642 W 20060502
- KR 20050042264 A 20050520
- KR 20050045744 A 20050530
- KR 20050051227 A 20050615
- KR 20050055078 A 20050624
- KR 20050077076 A 20050823
- KR 20050111948 A 20051122

Abstract (en)
[origin: WO2006123865A1] A thermal transfer printer having simpler structure, occupying less installation space, and enhancing the user convenience. The thermal transfer printer includes a cartridge having print paper wound in a roll, a capstan roller for conveying the print paper by applying frictional force on the print paper, a printing head for printing images on the print paper, and a platen roller for selectively pressing the print paper against the printing head. The housing of the cartridge has a first opening penetrating the housing and extending laterally. A paper roll case is rotatably installed in the housing and has a second opening penetrating the paper roll case and extending laterally. Inside the paper roll case, a paper roll is stuck on the inner surface of the paper roll case, and print paper is wound from the inner surface of the paper roll case to inward direction, while a first end of the print paper is exposed through the second opening.

IPC 8 full level
B41J 2/315 (2006.01); **B41J 15/02** (2006.01); **B41J 15/04** (2006.01); **B41J 17/32** (2006.01); **B65H 16/02** (2006.01)

CPC (source: EP)
B41J 2/325 (2013.01); **B41J 15/02** (2013.01); **B41J 15/044** (2013.01); **B41J 17/32** (2013.01); **B65H 16/028** (2013.01); **B65H 2301/121** (2013.01); **B65H 2301/4137** (2013.01); **B65H 2301/4148** (2013.01); **B65H 2301/5152** (2013.01); **B65H 2403/942** (2013.01); **B65H 2405/42** (2013.01); **B65H 2701/1719** (2013.01); **B65H 2801/12** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2006123865A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006123865 A1 20061123; EP 1881901 A1 20080130; EP 1881901 A4 20100707; EP 1881901 B1 20120111

DOCDB simple family (application)
KR 2006001642 W 20060502; EP 06757610 A 20060502