

Title (en)
THERMAL TRANSFER PRINTER

Publication
EP 0154990 A3 19860129 (EN)

Application
EP 85102878 A 19850313

Priority
JP 4650584 A 19840313

Abstract (en)
[origin: EP0154990A2] A thermal transfer printer including a platen supporting a printing sheet, a carriage mounted for reciprocatory movement axially of the platen, a thermal head supported by the carriage, a plurality of heat generating elements mounted in the thermal head, an inked ribbon cassette detachably attached to the carriage, a pair of ribbon cores located in the inked ribbon cassette for rotation, and an inked ribbon wound on the pair of ribbon cores and extending therebetween. Printing of characters, symbols, etc., is performed on the printing sheet on the platen as the thermal head forces the inked ribbon against the printing sheet to transfer ink from the inked ribbon to the printing sheet by heat generated by the heat generating elements. The inked ribbon has a printing zone of a size large enough to accommodate two lines of characters, symbols, etc., one line superposed on the other, whereby one half-portion of the printing zone is used for printing characters, symbols, etc., along one line to the end of the inked ribbon by moving the inked ribbon as it is wound on one of the pair of ribbon cores and the other half-portion of the printing zone is used, after the inked ribbon cassette is turned over following completion of printing on the one half-portion of the printing zone, for printing characters, symbols, etc., along the other line while reversing the direction of movement of the inked ribbon and winding same on the other ribbon core.

IPC 1-7
B41J 3/20; **B41J 32/00**; **B41J 33/42**

IPC 8 full level
B41J 32/00 (2006.01); **B41J 33/42** (2006.01); **B41J 35/28** (2006.01)

CPC (source: EP)
B41J 32/00 (2013.01); **B41J 33/42** (2013.01)

Citation (search report)
[X] DE 2415265 A1 19751016 - BUETTNER AG FRANZ

Cited by
AU691781B2; US5094555A; GB2272669A; GB2272669B

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0154990 A2 19850918; **EP 0154990 A3 19860129**; **EP 0154990 B1 19880803**; DE 3564093 D1 19880908; JP S60190380 A 19850927

DOCDB simple family (application)
EP 85102878 A 19850313; DE 3564093 T 19850313; JP 4650584 A 19840313