

Title (en)
INK RIBBON CASSETTE FOR A PRINTER

Publication
EP 0165396 A3 19860205 (EN)

Application
EP 85104394 A 19850411

Priority
JP 7186384 A 19840412

Abstract (en)
[origin: EP0165396A2] A thermal transfer printer including a platen, (1,2) a carriage (5) supported for movement lengthwise of the platen, a ribbon cassette (7) removably mounted on to the carriage (5), an inked ribbon (16) held in the ribbon cassette (7) and wound at opposite end portions thereof on two ribbon cores (26, 40), and a thermal head (15) supported by the carriage (5) to force the inked ribbon (16) against a sheet of paper on the platen (14). The inked ribbon has an upper printing zone and a lower printing zone disposed in superposed relation one above the other in a direction perpendicular to the direction in which the inked ribbon is moved. The ribbon cassette (7) is turned over after one of the upper and lower printing zones has been used to perform printing of characters, symbols, etc., and mounted to the carriage again to continue the printing by using the other printing zone. The ribbon cassette is provided with a back tension imparting mechanism (33) located between the thermal head (16) and the ribbon core toward which the inked ribbon moves, to apply the predetermined brake to the inked ribbon during its travel.

IPC 1-7
B41J 32/00; **B41J 35/08**

IPC 8 full level
B41J 2/325 (2006.01); **B41J 32/00** (2006.01); **B41J 33/52** (2006.01); **B41J 35/08** (2006.01)

CPC (source: EP)
B41J 32/00 (2013.01); **B41J 35/08** (2013.01)

Citation (search report)
• [A] DE 2415265 A1 19751016 - BUETTNER AG FRANZ
• [A] EP 0015142 A1 19800903 - EXXON RESEARCH ENGINEERING CO [US]

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US5094555A; WO03095214A1; US6848845B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0165396 A2 19851227; **EP 0165396 A3 19860205**; JP S60217193 A 19851030

DOCDB simple family (application)
EP 85104394 A 19850411; JP 7186384 A 19840412