

Title (en)

INK RIBBON MECHANISM FOR PRINTERS, PARTICULARLY FOR MATRIX PRINTERS

Publication

EP 0240673 A3 19890809 (DE)

Application

EP 87102000 A 19870212

Priority

DE 3607081 A 19860304

Abstract (en)

[origin: US4773776A] A ribbon cartridge may contain a single color ribbon or a multicolor ribbon, and is of wide U construction with a first pair of aligned (coaxial) pivot pins extending away from sides at locations therefrom remote from the legs of the U; a second pair of pins extends also from the sides and parallel to the first pair of pins; finally, a pair of support projections extend from the legs and also in opposite directions from the sides; the printer has two pivot mounts for receiving the pins of the first pair to thereby mount the cartridge, permitting pitch-like pivoting; in addition, the printer contains either (a) a second pair of mounts open from above for receiving the pins of the second pair, and thereby mounting the cartridge in a fixed position for single color printing, or (b) a cam shaft with at least one cam of different radial dimensions for engaging at least one of the projections such that upon turning of the cam a variable pivot-pitch is imparted upon the cartridge, the pins of the second pair being unimpeded.

IPC 1-7

B41J 32/02

IPC 8 full level

B41J 32/00 (2006.01); **B41J 32/02** (2006.01); **B41J 35/14** (2006.01)

CPC (source: EP US)

B41J 32/02 (2013.01 - EP US); **B41J 35/14** (2013.01 - EP US)

Citation (search report)

- [A] DE 3026310 A1 19820204 - OLYMPIA WERKE AG [DE]
- [A] FR 2560554 A1 19850906 - DATA RECORDING INSTR CO [GB]
- [AD] EP 0158963 A2 19851023 - HONEYWELL INF SYSTEMS [IT]

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

US 4773776 A 19880927; AT E75188 T1 19920515; DE 3607081 A1 19870910; DE 3607081 C2 19871203; DE 3778414 D1 19920527; EP 0240673 A2 19871014; EP 0240673 A3 19890809; EP 0240673 B1 19920422; JP S62225386 A 19871003

DOCDB simple family (application)

US 2145587 A 19870304; AT 87102000 T 19870212; DE 3607081 A 19860304; DE 3778414 T 19870212; EP 87102000 A 19870212; JP 4789587 A 19870304