

Title (en)
ONCE REVERSIBLE RIBBON CARTRIDGE FOR AN IMPACT PRINTER

Publication
EP 0012879 A3 19810325 (FR)

Application
EP 79104867 A 19791204

Priority
US 23379 A 19790102

Abstract (en)
[origin: ES487053A1] In a high speed impact printer having means for receiving a ribbon cartridge and for driving the ribbon in said cartridge, the improved apparatus comprising a ribbon cartridge to be inserted in said receiving means and adapted to be reversed one time only which comprises a cartridge housing with first and second reels rotatably mounted in said housing each of the reels is adapted to support a portion of inventory of a ribbon web which is being driven from one reel to the other reel by the impact printer means for driving said ribbon. A keyed tenon projects from said housing and has an initial position and a second position the keyed tenon is switchable from the initial position to the second position but irreversible from said second position. The receiving means in the printer includes means for exclusively receiving the tenon keyed in its initial position wherein the ribbon is driven from the first reel to the second reel and means for exclusively receiving the keyed tenon in its second position wherein ribbon is driven from the second reel to the first reel.

IPC 1-7
B41J 33/42

IPC 8 full level
B41J 32/00 (2006.01); **G11B 23/087** (2006.01); **B41J 33/42** (2006.01); **B41J 33/56** (2006.01); **B41J 35/28** (2006.01); **G11B 23/28** (2006.01)

CPC (source: EP US)
B41J 32/00 (2013.01 - EP US); **B41J 33/42** (2013.01 - EP US); **B41J 33/56** (2013.01 - EP US)

Citation (search report)

- DE 2415265 A1 19751016 - BUETTNER AG FRANZ
- [A] DE 2123172 A1 19721123
- [A] DE 1561234 B2 19710909
- [A] US 2940577 A 19600614 - SMALLWOOD MARION I

Cited by
US4836698A; US4359288A; DE3536402A1; DE3741363A1; US4955737A

Designated contracting state (EPC)
BE CH DE FR GB NL

DOCDB simple family (publication)
EP 0012879 A2 19800709; EP 0012879 A3 19810325; EP 0012879 B1 19830622; AU 524151 B2 19820902; AU 5361679 A 19800710; BR 7908620 A 19800902; CA 1127106 A 19820706; DE 2965771 D1 19830728; ES 487053 A1 19800616; IT 1165424 B 19870422; IT 7928118 A0 19791218; JP S5593485 A 19800715; JP S579955 B2 19820224; US 4264223 A 19810428

DOCDB simple family (application)
EP 79104867 A 19791204; AU 5361679 A 19791207; BR 7908620 A 19791228; CA 339718 A 19791113; DE 2965771 T 19791204; ES 487053 A 19791219; IT 2811879 A 19791218; JP 14787479 A 19791116; US 23379 A 19790102