

Title (en)
DEVICE FOR CHECKING THE RIBBON FEED IN A RIBBON CARTRIDGE

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EP 0092212 A3 19841107 (DE)

Application
EP 83103729 A 19830418

Priority
DE 3214548 A 19820420

Abstract (en)
[origin: US4491430A] A ribbon cassette includes an impeller actuating element mounted at the end of a ribbon guide roller. A feed reel, on which the ribbon is mounted, rotates the guide roller, by means of the ribbon, and is mounted so as to be displaceable relative to the guide roller. The ribbon continues to rotate the guide roller as it is transported from the reel. When the remaining ribbon is at a specific length, the core of the reel halts the impeller, thereby discontinuing signals in a scanning device. Nevertheless the remaining ribbon can still be unreeled from the feed reel. The scanning of the movement of the impeller can be carried out by using a sensing mandrel attached to a spring member.

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B41J 35/36; B41J 35/00

IPC 8 full level
B41J 35/36 (2006.01)

CPC (source: EP US)
B41J 35/36 (2013.01 - EP US)

Citation (search report)

- US 4406554 A 19830927 - DREINHOFF KARL-HEINZ [DE], et al
- DE 3009505 A1 19811001 - SIEMENS AG [DE]

Cited by
JPS6195975A

Designated contracting state (EPC)
CH FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0092212 A2 19831026; EP 0092212 A3 19841107; EP 0092212 B1 19860903; DE 3214548 C1 19831117; US 4491430 A 19850101; ZA 832747 B 19840125

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EP 83103729 A 19830418; DE 3214548 A 19820420; US 47817083 A 19830323; ZA 832747 A 19830419