

Title (en)

Method for adaptively using a print ribbon in an impact printer.

Title (de)

Verfahren zur anpassbaren Verwendung eines Farbbandes in einem Anschlagdrucker.

Title (fr)

Méthode pour l'utilisation par ajustement d'un ruban d'impression dans une imprimante à impact.

Publication

EP 0100776 A1 19840222 (EN)

Application

EP 82107233 A 19820810

Priority

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Abstract (en)

Rather than transporting the entire multi-colour print ribbon (18) in an impact printer back and forth until the reaching of a lower quality threshold requires replacement, this method provides for the use of only a subsection of limited length of the ribbon to be used until the lower quality threshold of any one of the colour tracks (21-24) of this subsection is reached, and then advancing to a fresh subsection. The quality status of the current subsection may be monitored by counting the number of impacts on each individual colour track and comparing that number with a predetermined, stored value, or by shining light through the ribbon and optically comparing the passing light with a preset value. The method is flexible enough to permit manual advance of the ribbon (18) to a fresh subsection in case a printing job requires highest possible quality.

IPC 1-7

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CPC (source: EP)

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Citation (search report)

- [A] EP 0053266 A1 19820609 - IBM [US]
- [A] US 3346090 A 19671010 - GOFF JR WILLIE, et al
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 23, no. 8, January 1981, page 3506, Armonk, USA
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 22, no. 7, December 1979, pages 2633-2635, Armonk, USA

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EP1068957A3; US5445464A; GB2199538A; GB2199538B; EP0403710A1; US5035522A; US6517268B1

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