

Title (en)

Improved structure of inked ribbon cartridge and thermal transfer color printer

Title (de)

Verbesserte Struktur für farbbandkassette und Farbdrucker mit Wärmeübergang

Title (fr)

Structure améliorée pour cartouche pour ruban encreur et imprimante couleur à transfert thermique

Publication

EP 0869009 A2 19981007 (EN)

Application

EP 98105743 A 19980330

Priority

- JP 9799297 A 19970331
- JP 11880497 A 19970422
- JP 36939797 A 19971226
- JP 36939897 A 19971226

Abstract (en)

An inked ribbon cartridge and a portable color printer are provided which are compact in size and capable of printing color images with high quality. The inked ribbon cartridge includes an inked ribbon wound between a supply bobbin and a take-up bobbin. The take-up bobbin is smaller in diameter than the supply bobbin for preventing a maximum diameter of the inked ribbon all wound on the take-up bobbin from exceeding that of the inked ribbon wound about the supply bobbin before use, which is caused by formation of air layers between adjacent turns of the inked ribbon wound on the take-up bobbin. The supply bobbin is covered by a cartridge casing, while the take-up bobbin is exposed outside the cartridge casing, thereby achieving a compact and light weight construction of the inked ribbon cartridge. <IMAGE>

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CPC (source: EP)

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