

Title (en)  
**MULTIPOSITION RIBBON CASSETTE SYSTEM**

Publication  
**EP 0048418 B1 19840613 (EN)**

Application  
**EP 81107217 A 19810912**

Priority  
US 18912280 A 19800922

Abstract (en)  
[origin: EP0048418A1] An improved multicolor ribbon cassette system for use with a printing mechanism (12). A ribbon cassette (20) is carried on a plate (26) which is pivotally connected to a shuttle mechanism (14). The plate (26) rotates about an axis which is perpendicular to a printing medium (24) and the portion (22a) of the ribbon adjacent the printing mechanism (12). The pivot plate (26) is tilted up or down to position a different part of the ribbon in alignment with the printing mechanism (12). The configuration of the device is such that the ribbon will remain parallel to the printing medium (24) as it is tilted. The position of the pivot plate (26) is controlled by means of a barrel cam (32) driven by a stepper motor (36). The stepper motor is controlled by a logic circuit. An optical sensor (42) is also connected to the logic circuit to determine whether a single color or multicolor cassette (20) is in position.

IPC 1-7  
**B41J 35/00**

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
US4543002A; US4613248A; DE8904219U1; US4572683A; US4623273A; GB2156279A; FR2560554A1; US5267803A; GB2148796A; US5820276A; EP0795416A1

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