

Title (en)
Tape-shaped label printing device

Title (de)
Etikettenbanddrucker

Title (fr)
Dispositif d'impression d'étiquettes en forme de bande

Publication
EP 0734871 A3 19970507 (EN)

Application
EP 96104585 A 19960322

Priority
JP 10006495 A 19950329

Abstract (en)
[origin: EP0734871A2] A tape-like label printing device capable of preventing an ink ribbon from rewinding when a printing tape is rewound by a tape transfer mechanism (40). After desired text, number of printing colors, and sequence of the printing colors are inputted, and the target text for each printing color has been set, a printing key is pressed to begin printing with the first color. After the first color has been printed, a printing tape rewinding process control is executed for then performing a printing operation with a second color. To begin this process, the tape is transferred by a prescribed amount in order to separate the printing tape (22) from an ink ribbon (32) in S70. Once accomplished, a ribbon cassette (30) is removed from a tape cassette (20) (S72 and S73: Yes), and a message prompting the user not to insert another ribbon cassette is displayed. Next, printing tape rewinding operation is performed to rewind the tape until a leading edge of the tape has just passed a tape detection sensor (S75 through S77). <IMAGE>

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B41J 3/39

IPC 8 full level
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CPC (source: EP)
B41J 2/325 (2013.01); **B41J 3/4075** (2013.01); **B41J 3/46** (2013.01); **B41J 11/70** (2013.01)

Citation (search report)
• [A] EP 0641663 A2 19950308 - BROTHER IND LTD [JP]
• [A] EP 0577271 A2 19940105 - BROTHER IND LTD [JP]
• [A] EP 0607023 A2 19940720 - ESSELTE DYMO NV [BE]
• [A] US 4511903 A 19850416 - MIYAZAKI NAOKI [JP], et al
• [A] EP 0625427 A2 19941123 - BROTHER IND LTD [JP]
• [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 694 (M - 1531) 17 December 1993 (1993-12-17)
• [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 098 (M - 375) 27 April 1985 (1985-04-27)

Cited by
GB2399669B; GB2407424A; CN106476448A; GB2383878A; GB2383878B; US7188774B2; US7891565B2

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