

Title (en)

LAMINATED RIBBON ELEMENT FOR THERMAL PRINTING, THERMAL PRINTER AND PROCESS FOR LIFT-OFF CORRECTION

Publication

**EP 0076892 B1 19850213 (EN)**

Application

**EP 82105763 A 19820629**

Priority

- US 29255281 A 19810813
- US 29255381 A 19810813

Abstract (en)

[origin: EP0076892A2] A ribbon (22) in thermal printing has an active layer (50) which adheres to printed characters at somewhat elevated temperatures but is non-tacky at room temperatures. The active layer (50) is made of an ethylene vinyl acetate copolymer, an acrylic polymer, and carbon black. Thermal printing is conducted by setting a switch (44) for heating to temperatures higher than the lift-off correction temperature. Lift-off correction is accomplished by returning to the printing position of the error and setting the switch (44) for lower voltage to the printing electrodes of printhead (7). During correction, guide member (29) is brought against ribbon (22) thereby positioning same flat with paper (5) at the printing print and for a predetermined distance prior to the printing point. This creates an extra space for printhead movement during correction, said extra space providing a delay for ribbon cooling prior to the peeling of ribbon (22) with erased character attached from paper (5).

IPC 1-7

**B41M 5/26**; **B41J 29/36**

IPC 8 full level

**B41J 29/373** (2006.01); **B41M 5/26** (2006.01); **B41M 5/382** (2006.01)

CPC (source: EP)

**B41J 29/373** (2013.01); **B41M 5/3825** (2013.01)

Cited by

EP0147520A1; EP0228292A3; GB2254050A; US5555010A; FR2594750A1; GB2144082A; GB2162468A; GB2162796A; GB2221653A; GB2221653B; US4947188A; EP0170133A3; EP0167796A3

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0076892 A2 19830420**; **EP 0076892 A3 19830518**; **EP 0076892 B1 19850213**; DE 3262323 D1 19850328; DK 154933 B 19890109; DK 154933 C 19890529; DK 362982 A 19830214; ES 514205 A0 19830701; ES 8307604 A1 19830701; HK 18190 A 19900316

DOCDB simple family (application)

**EP 82105763 A 19820629**; DE 3262323 T 19820629; DK 362982 A 19820812; ES 514205 A 19820721; HK 18190 A 19900308