

Title (en)

Laminated ribbon element for thermal printing, thermal printer and process for lift-off correction.

Title (de)

Laminiertes Druckband für Thermodruck, Thermodruckvorrichtung und Verfahren zur Korrektur durch Abheben.

Title (fr)

Element ruban laminé pour impression thermique, dispositif imprimeur par la chaleur et procédé de correction par enlèvement de matière.

Publication

EP 0076892 A2 19830420 (EN)

Application

EP 82105763 A 19820629

Priority

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- US 29255381 A 19810813

Abstract (en)

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

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IPC 8 full level

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CPC (source: EP)

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Cited by

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

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