

Title (en)
THERMAL INK RIBBON,METHOD OF ITS MANUFACTURE AND ITS USE

Publication
EP 0380920 A3 19910206 (DE)

Application
EP 90100263 A 19900108

Priority
DE 3903259 A 19890203

Abstract (en)
[origin: US5158813A] A thermocolor ribbon, especially a thermocarbon ribbon has a wax and/or plastic binder which melts at a thermal printer temperature to transfer the melt color layer consisting of that binder and polymer particles containing a coloring agent embedded in that binder. The polymer particles melt at a higher temperature to which the thermal print symbol is subjected, e.g. by radiant heating, to fix the image and distribute the coloring agent of the particles in the entire symbol transferred.

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IPC 8 full level
B41J 2/325 (2006.01); **B41J 31/00** (2006.01); **B41M 5/26** (2006.01); **B41M 5/392** (2006.01)

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Citation (search report)

- [Y] EP 0266526 A1 19880511 - PELIKAN AG [DE]
- [A] DE 3108367 A1 19820128 - CANON KK [JP]
- [Y] EP 0206036 A2 19861230 - PELIKAN AG [DE]
- [A] EP 0106663 A2 19840425 - XEROX CORP [US]
- [X] PATENT ABSTRACTS OF JAPAN Band 8, Nr. 73 (M-287)(1510), 5. April 1984; & JP-A-58219071 (TOKYO KEIKI K.K.) 20.12.1983
- [A] PATENT ABSTRACTS OF JAPAN Band 12, Nr. 78 (M-675)(2925), 11. März 1988; & JP-A-62218171 (HITACHI MAXELL LTD.) 25.09.1987

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