

Title (en)

Printing ribbon for thermal transfer of coloured printing ink

Title (de)

Druckband für den Thermotransferdruck einer gefärbten Tinte

Title (fr)

Ruban d'impression par transfert thermique d'encre de couleur pour imprimante

Publication

**EP 0940268 A1 19990908 (FR)**

Application

**EP 99400528 A 19990304**

Priority

FR 9802605 A 19980304

Abstract (en)

The ribbon includes two ink layer types. The ribbon comprises a film (1) supporting a layer of printing ink (2) and a detection layer (3). The detection layer is intended to block radiation of a given wavelength to which the ink layer is transparent. This detection layer comprises an intermediate ink layer (3) which is opaque to the wavelength in question. The detection layer lies between the supporting film (1) and the first mentioned ink layer (2). In an alternative arrangement, the supporting ribbon may be tinted in order to render it opaque to the radiation in question.

Abstract (fr)

Le ruban comporte un film (1) supportant une couche d'encre d'impression (2) et des moyens de détection (3) agencés pour faire obstacle à un rayonnement de longueur d'onde déterminée pour lequel la couche d'encre d'impression (2) est transparente, les moyens de détection comprenant une couche d'encre intermédiaire (3) opaque dans la longueur d'onde considérée, entre le film (1) et la couche d'encre d'impression (2). <IMAGE>

IPC 1-7

**B41M 5/38**; **B41M 5/40**

IPC 8 full level

**B41M 5/382** (2006.01); **B41M 5/42** (2006.01); **B41M 5/46** (2006.01)

CPC (source: EP)

**B41M 5/38214** (2013.01); **B41M 5/42** (2013.01); **B41M 5/46** (2013.01)

Citation (search report)

- [X] EP 0530018 A1 19930303 - ICI PLC [GB]
- [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 346 (M - 742) 16 September 1988 (1988-09-16)
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 559 (M - 1692) 25 October 1994 (1994-10-25)
- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 440 (M - 1028) 20 September 1990 (1990-09-20)
- [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 227 (M - 713) 28 June 1988 (1988-06-28)

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