

Title (en)

Use of hydrophobic cationic dye in an ink layer of a thermal transfer ink ribbon

Title (de)

Verwendung eines hydrophoben kationischen Farbstoffs in der Farbschicht eines Farbbandes für den Thermotransferdruck

Title (fr)

Usage d'un colorant cationique hydrophobique pour la couche d'encre d'un ruban encré pour le transfert thermique

Publication

EP 0580120 B1 19990310 (EN)

Application

EP 93111590 A 19930720

Priority

JP 21713792 A 19920723

Abstract (en)

[origin: EP0580120A1] When the counter ion of hydrophilic cationic dyes is substituted with an organic anion including a sulfosuccinate anion such as diethylhexylsulfonate anion, an alkylbenzenesulfonate anion such as a dodecylbenzenesulfonate, an alkylsulfate anion such as a laurylsulfate anion, or a soap anion such as a laurylsulfate anion, the cationic dyes are imparted with hydrophobicity. An ink layer 3 containing the hydrophobic cationic dye is formed on a support 2 to provide a thermal transfer ink ribbon 10. <IMAGE>

IPC 1-7

C09B 69/06; **B41M 5/26**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0751188A1; US5834600A; EP0633143A1; US5560996A; US6063836A; WO2005068566A1; US6177501B1; US6281270B1

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