

Title (en)
Dye transfer method.




Title (de)
Verfahren zur Übertragung von Farbstoffen.

Title (fr)
Méthode de transfert de colorant.

Publication
EP 0258856 B2 19941207 (DE)

Application
EP 87112630 A 19870829

Priority
DE 3630279 A 19860905

Abstract (en)
[origin: US4999026A] Dyes are transferred from a carrier by sublimation/vaporization to plastic-coated papers by a process in which the dyes used are of the general formula (I)  (I) where A is D-N=N- or  R1 and R2 are each hydrogen, alkyl, alkoxy, alkylthio or halogen and R1 and R together may furthermore form a 5-membered or 6-membered heterocyclic ring, and R and R' independently of one another are each hydrogen, phenyl which is unsubstituted or substituted by methyl or methoxy, or C5- or C6-cycloalkyl or C1-C6-alkyl which is unsubstituted or substituted by C1-C4-alkoxy, C1-C4-alkoxycarbonyl, C2-C5-alkanoyloxy, C1-C4-alkoxycarbonyloxy, C1-C4-alkoxy-C2- or C3-alkoxycarbonyloxy, hydroxyl, cyano, halogen, phenyl or C5- or C6-cycloalkyl, or  is a 5-membered or 6-membered saturated heterocyclic ring where D is a radical of a diazo component of the thiophene, thiazole, isothiazole or 1,2,4-thiadiazole series and R3 is hydrogen or CN. In the process, the dyes (I) give strong dyeings which have good light fastness and are resistant to chemical substances.

IPC 1-7
B41M 5/26

IPC 8 full level
B41M 5/385 (2006.01); **B41M 5/26** (2006.01); **B41M 5/388** (2006.01); **B41M 5/39** (2006.01); **C09B 23/14** (2006.01); **C09B 29/03** (2006.01); **C09B 29/033** (2006.01); **D06P 5/13** (2006.01); **C09D 5/26** (2006.01)

CPC (source: EP US)
B41M 5/385 (2013.01 - EP US); **B41M 5/3854** (2013.01 - EP US); **B41M 5/388** (2013.01 - EP US); **Y10S 8/922** (2013.01 - US)

Cited by
EP0594239A1; EP0453020A1; EP0490338A1; EP0352006A3; US5256624A; EP0483801A1; US5550098A; US5037798A; EP0301752A3; US4939118A; EP0460463A1; US5200386A; EP0441396A1; US5071824A; EP0593817A1; US5518983A; US5635442A; EP0442360A1; US5145828A; EP0302628A3; US5369078A; EP0550817A3; US5607895A; EP0490339A1; EP0733487A2; EP0701907A1; WO9408797A1; US6951841B2; EP0792757A1

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DOCDB simple family (application)
EP 87112630 A 19870829; DE 3630279 A 19860905; DE 3766194 T 19870829; JP 21318987 A 19870828; US 38409589 A 19890724