

Title (en)

Use of azo dyes in thermal transfer printing.

Title (de)

Verwendung von Azofarbstoffen für den Thermotransferdruck.

Title (fr)

Utilisation de colorants azoïques pour l'impression par transfert thermique.

Publication

EP 0462447 B1 19941221 (DE)

Application

EP 91109225 A 19910606

Priority

DE 4019419 A 19900619

Abstract (en)

[origin: EP0462447A1] Use of azo dyes I <IMAGE> for thermal transfer printing, in which the substituents have the following meaning: R<1> is H, amino, hydroxyl or C1-C3-alkyl; R<2> is H, acetyl, carbamoyl or cyano; R<3> is omega -phenoxy-, omega -tolylxy-, omega -benzyloxy- or omega -cyclohexyloxy-C1-C12-alkyl, whose C chain can be interrupted by one or two of the following non-adjacent members -O-, -CO-, -O-CO- or -CO-O- and which can carry one or two of the following substituents: halogen, hydroxyl, C1-C2-alkyl, phenyl or cyclohexyl; R<4>, R<5> are H, halogen, cyano, nitro or trihalomethyl; radicals -CO-H, -CO-R<6>, -O-CO-R<6>, -CO-OR<6>, -SO-OR<6>, -O-SO-OR<6>, -CO-NR<7>R<8>, -O-CO-NR<7>R<8>, -SO2-NR<7>R<8> or -O-SO2-NR<7>R<8> in which R<6> is C1-C12-alkyl, omega -phenoxy-, omega -tolylxy-, omega -benzyloxy- or omega -cyclohexyloxy-C1-C12-alkyl, whose C chain can in each case be interrupted by one or two oxygen atoms in an ether function; R<7> is C1-C12-alkyl; R<8> is H or one of the radicals R<7>.

IPC 1-7

B41M 5/38

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

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DOCDB simple family (application)

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