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Welwyn Garden City Herts, AL7 1HD(GB)(54) **Thermal transfer printing.**

(57) A thermal transfer printing sheet comprising a substrate having a coating comprising a dye of the formula:

A - N = N - E

wherein

A is a phenyl group substituted by at least one electron-withdrawing group selected from NO₂, CN, CF₃, halogen, -SO₂-C₁₋₄-alkyl, -SO₂F, -SO₂CF₃, -SO₂NRR¹, -CONRR¹, -COOR, -CO-CO-R, wherein R and R¹ are independently selected from H and C₁₋₄ alkyl, provided that where A carries only two halogen atoms these are not in the 2- and 6- positions in relation to the azo link;

and E is the radical of an aniline, a tetrahydroquinoline, a lilolidine or a julolidine coupling component,

and a thermal transfer printing process for the color-

ation of a polymeric substrate using the thermal transfer printing sheet.

EP 0 235 939 A3



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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
P, X	PATENT ABSTRACTS OF JAPAN, vol. 11, no. 316 (M-631)[2763], 15th October 1987; & JP-A-62 99 195 (MITSUI TOATSU CHEM., INC.) 08-05-1987 * Abstract * ---	1-11	B 41 M 5/26
P, X	PATENT ABSTRACTS OF JAPAN, vol. 11, no. 125 (M-582)[2572], 18th April 1987; & JP-A-61 268 494 (DAINIPPON PRINTING CO., LTD) 27-11-1986 * Abstract * ---	1-11	
X	GB-A-2 159 971 (MITSUBISHI CHEMICAL INDUSTRIES LTD) * Whole document * ---	1-11	
X	US-A-4 032 691 (K. KIDO et al.) * Column 4, lines 45-60; claims * ---	1-11	
X	EP-A-0 001 068 (H.A. FROMSON) * Pages 12-14 * ---	1-11	
A	GB-A-2 036 809 (KODAK LTD) * Whole document * ---	1-11	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A, D P	EP-A-0 216 483 (IMPERIAL CHEMICAL INDUSTRIES PLC) * Whole document * -----	1-11	B 41 M 5/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-02-1989	Examiner BACON, A. J.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	