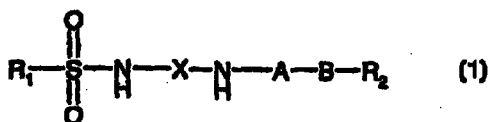




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : B41M 5/30, C07C 311/60, 317/50, 311/62, 311/51		A1	(11) International Publication Number: WO 00/35679
		(43) International Publication Date: 22 June 2000 (22.06.00)	
(21) International Application Number: PCT/EP99/09473		(74) Common Representative: CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).	
(22) International Filing Date: 3 December 1999 (03.12.99)			
(30) Priority Data: 9827569.6 16 December 1998 (16.12.98) GB			
(71) Applicant (for all designated States except US): CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).			
(72) Inventors; and (75) Inventors/Applicants (for US only): HENEGHAN, Michael [GB/GB]; 8 Rudyard Road, Salford M6 7QN (GB). KIRK, Roy, Alan [GB/GB]; 61 Parrswood Avenue, Didsbury, Manchester M20 5NB (GB). TAYLOR, James, Philip [GB/GB]; 7 Old Hall Street, Macclesfield, Cheshire SK10 2DT (GB). WHITWORTH, John [GB/GB]; 4 Rivington Grove, Audenshaw, Manchester M34 5GG (GB). O'NEIL, Robert, Montgomery [GB/GB]; 54 Derwent Road, Flixton, Manchester M41 8UA (GB). HENSHALL, John, Barry [GB/GB]; 61 Queens Road, Urmston, Manchester M41 9HF (GB).			
		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
		Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	

(54) Title: **HEAT SENSITIVE RECORDING MATERIAL**

(57) Abstract

A heat sensitive recording material, comprising a) at least one colour forming compound, and b) at least one developer of formula (I), wherein R_1 is unsubstituted or substituted phenyl, naphthyl or C_1 - C_{20} alkyl, X is a group of formula (i), (ii) or (iii), A is unsubstituted or substituted phenylene, naphthylene or C_1 - C_{12} alkylene, or is an unsubstituted or substituted heterocyclic group, B is a linking group of formula $-O-SO_2-$, $-SO_2-O-$, $-NH-SO_2-$, $-SO_2-NH-$, $-S-SO_2-$, $-O-CO-$, $-O-CO-NH-$, $-NH-CO-$, $-NH-CO-O-$, $-S-CO-NH-$, $-S-CS-NH-$, $-CO-NH-SO_2-$, $-O-CO-NH-SO_2-$, $-NH-CH_2-$, $-CO-NH-CO-$, $-S-$, $-CO-$, $-O-$, $-SO_2-NH-CO-$, $-O-CO-O-$ and $-O-PO-(OR_2)_2$, and R_2 is unsubstituted or substituted aryl or benzyl or C_1 - C_{20} alkyl, with the proviso, that, if B is not a linking group of formula $-O-SO_2-$, R_2 is unsubstituted or substituted phenyl, naphthyl or C_1 - C_8 alkyl and that, if B is $-O-$, R_2 is not alkyl.