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(54) **Photothermographic material**

(57) In a photothermographic material comprising an organic silver salt, a silver halide, and a reducing agent, a hydrazine compound of a special structure and a sensitizing dye of a special structure are contained. The photothermographic material shows high D_{max} and ultrahigh contrast.

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EUROPEAN SEARCH REPORT

Application Number
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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.6)
X,Y, D	US 5 496 695 A (MINNESOTA MINING AND MANUFACTURING COMPANY) * column 25, line 35 - column 27, line 10; claims *	1-26	G03C1/498
Y,L	US 5 441 866 A (MILLER ET AL.) L: referred to in US5496695 * claims *	1-26	
Y,L	EP 0 616 014 A (MINNESOTA MINING AND MANUFACTURING COMPANY) L: referred to in W09711407 (as US5393654) * claims; table 1 *	1-26	
Y,L	US 3 719 495 A (B.A.LEA) L: referred to in US5496695 * the whole document *	1-26	
P,X	WO 97 11407 A (IMATION CORP.) * page 47 - page 48; claims *	1-26	
P,X D	EP 0 762 196 A (FUJI PHOTO FILM CO., LTD.) * claims; examples * & JP 95 228 627 A	1-26	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G03C
E	EP 0 803 765 A (FUJI PHOTO FILM CO., LTD.) * examples 1,2 *	1-26	
E	EP 0 803 766 A (FUJI PHOTO FILM CO., LTD.) * examples *	1-26	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 November 1997	Examiner Buscha, A
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	

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