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07.01.93 Bulletin 93/01(71) Applicant: **E.I. DU PONT DE NEMOURS AND COMPANY**
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W-5000 Köln 1(DE)(54) **Element having improved adhesion of auxiliary layers to film supports containing antistatic layers.**

(57) A film support having an auxiliary layer coated over an antistatic layer coated on one side thereof is described. This element, which is particularly useful for the application of subsequently applied photosensitive layers on side opposite said auxiliary layer, comprises gelatin, a crosslinking agent, optionally a conductive polymer and an adhesion promoting amount of an adhesion agent, said adhesion agent selected from the group consisting of: compounds containing at least one -NH₂ group and compounds containing at least two -NH groups, wherein said adhesion agent is sufficiently soluble in water that said adhesion promoting amount of adhesion agent may be dissolved in the dispersion used to coat said auxiliary layer, with the proviso that said adhesion agent is not malonamide. Preferred adhesion agents are urea, thiourea and 2-imidazolidone. Improved adhesion of the auxiliary layer to the antistatic layer is achieved.

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EUROPEAN SEARCH REPORT

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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.5)
Y A	US-A-2 732 305 (S. RICHMAN ET AL.) * the whole document * ---	1-4 1-7	G03C1/91 G03C1/85
Y D	EP-A-0 318 909 (E.I. DU PONT DE NEMOURS AND COMPANY) * claims; examples 6-19 * & US-A-4 891 308 ---	1-4	
A D	EP-A-0 300 376 (E.I. DU PONT DE NEMOURS AND COMPANY) * claims * & US-A-4 859 570 ---	1-21	
A,D	US-A-4 585 730 (T. CHO) ---		
P,A	DATABASE WPIL Week 9018, Derwent Publications Ltd., London, GB; AN 90-136229 & JP-A-2 084 654 (FUJI PHOTO FILM COMPANY) 26 March 1990 * abstract * -----	1-7, 16-19	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G03C
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 19 OCTOBER 1992	Examiner STOCK H.
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			