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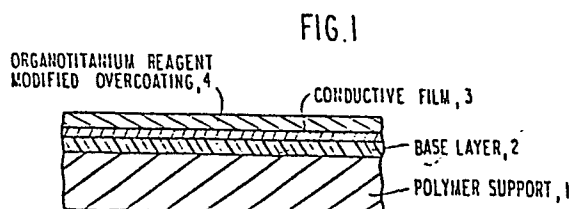
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54 **Electroerosion print media having a protective coating.**

57 The present invention provides an improved electroerosion recording medium which comprises, in a preferred embodiment, a non-conductive support 1, a hard, abrasion resistant layer 2, preferably comprising an organic polymer matrix containing an inorganic particulate material, a thin conductive film 3, typically of a metal such as aluminium, and an abrasion resistant overlayer 4 that comprises a solid conductive lubricant dispersed in an organotitanium reagent modified polymer system. The described polymer system comprises a crosslinked polymer formed by interaction of a hydroxyl group-containing polymer with one or more organotitanium reagents. The overlayer is highly adherent to the conductive surface, has a low organic binder content and provides effective protection against abrasion of the conductive layer and fouling of a print head during electroerosion printing.





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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.4)
X	US-A-2 983 221 (H.R. DALTON et al.) * Column 2, lines 9-13; column 3, lines 30-34; claims *	1	B 41 M 5/24
P, X D	--- EP-A-O 113 007 (IBM) * Claims *	1-14	
P, X D	--- EP-A-O 113 005 (IBM) * Claims *	1-14	

			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 41 M 5/00 B 41 C 1/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28-11-1986	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	