

Title (en)
ELECTROEROSION PRINT MEDIA HAVING A PROTECTIVE COATING

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Application
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Abstract (en)
[origin: EP0147642A2] 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 organo-titanium reagents. The overleaf 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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