

Title (en)

METHOD OF MANUFACTURING A THIN-FILM MAGNETIC HEAD

Title (de)

HERSTELLUNGSVERFAHREN EINES DÜNNFILMMAGNETKOPFES

Title (fr)

PROCEDE DE FABRICATION D'UNE TETE MAGNETIQUE COMPORTANT UNE COUCHE MINCE

Publication

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Application

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Abstract (en)

[origin: WO0004534A1] A method of manufacturing a thin-film magnetic head which is wear-resistant, on the one hand, but has only minimal transducing losses, on the other hand. A layer structure (3) is formed on a substrate (1), whereafter a wear-resistant material (9) is deposited on a surface constituted by a face of the substrate and a face of the layer structure. Before deposition of the wear-resistant material, the surface is selectively etched chemically, with the face of the substrate being moved backwards with respect to the face of the layer structure. After deposition of the wear-resistant material, wear-resistant material is removed from the face of the layer structure by means of a mechanical treatment, and a head face (10) is formed.

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