

SURFACE MODIFICATION OF MAGNETIC HEADS

ABSTRACT

S U M M A R Y

This is a process for the modification of the outermost atom layer of layers applied to a substrate in plasma, in which covalent, fixed bonding of CF_3 groups are produced on the substrate. This does not deal with the application of a layer with a defined thickness, rather the conditioning of the surface to predetermine desired properties of adsorption and slip. A maximum change in physical parameters takes place at the same time as a minimum chemical change.