METHOD OF MAKING HIGH PERFORMANCE, LOW NOISE ISOTROPIC MAGNETIC MEDIA INCLUDING A CHROMIUM UNDERLAYER

Abstract

A method of manufacturing a magnetic disk includes the steps of depositing a sublayer, a Cr layer and a Co based magnetic layer on a substrate. The sublayer causes the Cr crystals to avoid growing with a predominantly (200) orientation. Because of this the magnetic layer will be isotropic in the film plane and independent of any texture or scratch marks in the substrate.

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