ABSTRACT

MAGNETORESISTANCE EFFECT HEAD

A magnetoresistance effect head comprises a giant magnetoresistance effect film, a pair of leads to supply an electric current to the giant magnetoresistance effect head, and upper and lower magnetic shielding layers made of a crystalline soft magnetic film and disposed to hold the giant magnetoresistance effect film therebetween with a magnetic gap film intervened, wherein the surface roughness of an under layer of the giant magnetoresistance effect film is determined so that a center period L of the surface roughness satisfies $L > 70$ nm.

This Sheet Has Been Replaced



THIS SHEET HAS BEEN REPLACED