THIN-FILM MAGNETIC HEAD

THIS SHEET HAS BEEN REPLACED

ABSTRACT

A thin-film magnetic head in which magnetic stability of a magnetoresistance effect film is improved for further stabilizing the playback output. The thin-film magnetic head includes a magnetoresistance effect stabilizing layer 11 having a hard magnetic member 11d and a soft magnetic member 11e, a non-magnetic insulating layer 12 layered on the magnetoresistance effect stabilizing layer 11, a magnetoresistance effect layer 13 layered on the non-magnetic insulating layer 12 and a pair of electrodes connected on both ends of the magnetoresistance effect layer 13. Under the effect of the hard magnetic member 11d, the magnetoresistance effect layer 13 is reduced in coercivity and, under the effect of the soft magnetic member 11e, the magnetic filed which proves to be the saturation flex density is increased.

Figure 4

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