

ABSTRACT OF THE DISCLOSURE

An information storage apparatus having a disk medium setting data recording areas along a plurality of tracks concentrically arranged, a head for recording and reproducing data on tracks of the disk medium, an actuator for moving the head to a desired track among the plurality of tracks, and a means having the actuator and an electric circuit for controlling recording and reproducing for detecting the distance from a recorded magnetization pattern on the adjacent tracks in the radial direction detecting already recorded signals of adjacent tracks during data recording. By use of this constitution, even if the track density is increased, the upper limit of the threshold value setting range in the function for preventing from offtrack recording of the information storage apparatus can be increased and a high track density of the information storage apparatus can be easily realized.

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