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ABSTRACT OF THE DISCLOSURE (FIG. 1)

"APPARATUS AND METHOD FOR HEAD LOAD
CONTROL IN DISK DRIVE"

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A head IC amplifies an output of a read head including MR elements and an ADC converts the amplified output into a digital value. When a CPU performs a head load operation to load a composite head including the read head onto a data area of a disk medium from a ramp, the CPU receives the output of the read head amplified by the head IC as a detection result of an external magnetic field applied to an HDD. The CPU determines whether the head load operation is performed or inhibited based on the received, amplified output of the read head, that is, the detection result of the external magnetic field applied to the HDD.

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