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ABSTRACT

A method for driving a head includes the steps of: determining a head-present-position by a head-position-data supplied from a head-position-detector; calculating in advance a target-sector accessible-time by the head for a first time based on a data of a head-present-position, a location data of a target sector at a destination and a driving capability of a head assembly; and controlling a head-assembly-driver by determining a moving speed and an acceleration/deceleration pattern of the head for completing a seek to a track including the target sector within the accessible-time. The method is useful for controlling the head of a disc driving apparatus, especially a magnetic head of a magnetic disc driving apparatus, and the method reduces power consumption at a seek-operation without extending an access time.



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