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ABSTRACT OF THE DISCLOSURE (FIG. 1)

"METHOD AND APPARATUS FOR ACCESS CONTROL
IN A DISK DRIVE"

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Disclosed is a method of access control for a
disk drive whereby an access operation for,
particularly, sequentially and alternately executing
accesses is supported. A CPU of the present disk
10 drive sequentially and alternately executes accesses
to a plurality of data tracks on a disk in response to
an access request generated from a host system.
During the access operation, the CPU secures time for
a look-ahead operation, the time corresponding to the
15 difference between transfer rates. Thus, sequential
and alternate access operation in which the number of
seek operations can be reduced can be realized.