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ABSTRACT OF THE DISCLOSURE (FIG. 1)

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

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A disk drive which can be used in particular
under a low temperature environment is disclosed.
The drive comprises a spindle motor (SPM) being
a fluid dynamics bearing motor, and rotates a disk
10 medium by the SPM. When an ambient temperature of
the drive has changed to a low temperature, current
consumption by the SPM increases to maintain steady
rotation of the drive. When a CPU detects that
current consumption by the SPM exceeds a specified
15 value, the CPU restricts a current supplied to a voice
coil motor (VCM) such that the total current amount
does not exceed a specified maximum current capacity
of the drive.



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