

METHOD AND SYSTEM FOR PROVIDING SPINDLE MOTOR CONTROL FOR
HEAD LOADING IN A DISK DRIVE

ABSTRACT

~~Method and system aspects for controlling spindle motor (16) speed during head loading in~~
a disk drive are described. The aspects include inputting a time-varying reference velocity
profile signal, and selecting a controller (32) to control spindle motor (16) speed. Further
included is feeding forward control signals (30) sufficient to precompensate for drag
during a head loading event and maintain spindle motor (16) speed within an operating
~~tolerance.~~

FIG. 3



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