

ABSTRACT OF THE DISCLOSURE (FIG. 3)

"METHOD AND APPARATUS FOR HEAD POSITIONING WITH
DISTURBANCE COMPENSATION IN A DISK DRIVE"

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There is disclosed a head positioning control
system in which when internal vibration including a
frequency component different from a frequency of
disturbance such as a higher harmonic occurs by a
10 nonlinear element, the system effectively suppresses
the internal vibration. The system has a nonlinear
filter 11 to generate a higher wave as an input of an
adaptive filter for performing feed forward control.



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