

METHOD AND APPARATUS FOR CONTROLLING A VOICE CONTROL
MOTOR IN A HARD DISK DRIVE

ABSTRACT OF THE DISCLOSURE

5 According to one embodiment of the invention, a method
of moving a device from a first position to a second
position by an actuation system includes moving the device
in response to providing a control signal having a first
amplitude for a first time period. The method also
10 includes, immediately after the first time period, moving
the device in response to providing a control signal having
a second amplitude for a second time period, the device
having a nonzero velocity after the second time period.
The nonzero velocity has a magnitude that allows the device
15 to coast to, and stop at, the second position after the
second time period without receiving a control signal.

Figure 5