

ABSTRACT OF THE DISCLOSURE (FIG. 5)

5 "METHOD AND APPARATUS EMPLOYED IN
DISK DRIVE FOR RETRACTING HEAD WHEN
POWER SUPPLY HAS BEEN INTERRUPTED"

While a disk drive is operating, a retract time period, which is required for moving a head from its present position to a predetermined retract change
10 position using a back EMF that occurs in an SPM, is determined. Upon power-off of a power supply for the disk drive, at first, a first retract operation for moving the head using the back EMF of the SPM is started. When the retract time period has elapsed
15 after the power-off of the power supply, the first retract operation is switched to a second retract operation for moving the head onto a ramp using a charge accumulated in a retract capacitor.