

[Name of Document] Document of Abstract

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[Problem] To provide a disk device and a disk decelerating
or stopping method for the disk device, which enable it to
5 select low power consumption when rapid deceleration is not
required and to stop a disk promptly and reliably even when
a need arises for stopping the disk during deceleration of
the disk with low power consumption.

[Solution] In a disk device 1 having a function of
10 decelerating or stopping a rotating disk 1, depending on the
kind of a command upon decelerating or stopping, the operation
for decelerating or stopping is switched between a forced
deceleration or stop operation by applying a reverse-
directional voltage to a disk motor 3 which rotates the disk
15 so as to forcedly decelerate or stop the disk, and a power
saving deceleration or stop operation with lower power
consumption than the forced deceleration or stop operation
so as to decelerate or stop the disk.

[Selected Figure] FIG. 1