

CEILING FAN

ABSTRACT

5 Controller (3) for controlling DC motor (2) that causes a blade to rotate
is provided. Further, controller (3) includes rotation speed detector (6) for
detecting rotation speed of DC motor (2), current detector (7) for detecting a
current value energized to DC motor (2), and target rotation speed setting unit
(12) for setting target rotation speed of DC motor (2). Controller (3) further
10 includes rotation speed controller (9) for controlling DC motor (2) so that the
rotation speed detected by rotation speed detector (6) becomes the target
rotation speed, and target rotation speed correction unit (8) for performing
modification of the target rotation speed so that the current value detected by
current detector (7) falls within a predetermined range. Since DC motor (2)
15 can be operated at a set current value, the ceiling fan is capable of operating
with a predetermined capacity irrespective of an installation state from a
ceiling.

20 [FIG. 2]