

MOTOR DRIVING DEVICE, AS WELL AS REFRIGERATOR AND DEVICE
FOR OPERATING COMPRESSOR IN WHICH SAID MOTOR DRIVING
DEVICE IS USED

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ABSTRACT

A motor driving device includes: brushless DC motor (5) that drives a load that fluctuates during one rotation; and driver (9) that applies a voltage to brushless DC motor (5) and drives brushless DC motor (5). The motor driving
10 device further includes speed accelerator (8) that determines the voltage to be applied by driver (9) so as to accelerate brushless DC motor (5) such that a speed change rate of a speed within one rotation from start of brushless DC motor (5) with respect to a speed at next one rotation remains within a predetermined value or less.

15 [FIG. 1]