

ACTIVE HEATING METHOD FOR ELECTRIC MOTOR, APPARATUS, DEVICE, STORAGE MEDIUM AND PROGRAM PRODUCT

ABSTRACT

5 An active heating method for an electric motor, an apparatus, a device, a storage
medium and a program product. The method includes: receiving a heating instruction
sent by a heat management system, where the heating instruction includes a heating
power; inputting a current to the electric motor and adjusting a phase of three-phase
pulses according to the heating power; continuously detecting an electric motor iron
10 loss power, determining a difference between the electric motor iron loss power and
the heating power, and adjusting a phase difference of the three-phase pulses
according to the difference between the electric motor iron loss power and the heating
power until the difference between the electric motor iron loss power and the heating
power is less than a preset value, to realize active heating of the electric motor.

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FIG. 2