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

ABSTRACT

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 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.

FIG. 2