

ABSTRACT

The present application relates to the field of electric vehicles, and particularly to an electric vehicle and an electric-machinery control method therefor, an apparatus and a storage medium.

The electric-machinery control method for the electric vehicle of the present application includes:

- 5 detecting a relative deformation amount of a transmission system between a driving gear and a wheel end of an electric machinery; determining a first speed differential value between a first driving-gear rotational speed and a first wheel-end converted rotational speed when the relative deformation amount is a first threshold value, where the relative deformation amount being the first threshold value is used for indicating that the driving gear and a driven gear of the
- 10 transmission system start to disengage, the first driving-gear rotational speed is a rotational speed of the driving gear at a disengagement moment that the driving gear and the driven gear disengage, and the first wheel-end converted rotational speed is a rotational speed obtained by performing a speed ratio conversion on a rotational speed of the wheel end of the electric vehicle at the disengagement moment; determining an output torque of the electric machinery according
- 15 to the first speed differential value; controlling the driving gear to perform a gear-approaching operation relative to the driven gear according to the output torque, so as to reduce or even avoid problems of large vibration and noise of the electric machinery and the transmission system.

Fig. 3