

ABSTRACT

A method for energy recovery of an electric vehicle is provided, including the following steps: S1, obtaining a handle opening L and a rotation speed n of a motor by sampling, and determining the handle opening L; S2, calculating a
5 current handle target torque T^{**} by a handle-torque control algorithm according to the handle opening L; S3, calculating a current target braking torque T by a speed-torque control algorithm according to the rotation speed n of the motor; and S4, controlling the motor torque to change from a current value to a target value according to the current target braking torque T, to complete an energy
10 recovery operation.

<FIGURE 1>