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(54) **DIRECT DRIVE SYSTEM, CONTROL METHOD FOR THE SAME, ELECTRONIC DEVICE AND STORAGE MEDIUM**

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(57) **ABSTRACT**

The present disclosure provides a direct drive system, a control method for the same, an electronic device and a storage medium. In the direct drive system, the plurality of primary units are designed to have the position mode and the current mode. In the position mode, a position control instruction is output according to the absolute position information of a mover on the guide rails and predetermined positions of the mover on the guide rails, in order for a respective driver to adjust current in at least one winding primary unit according to the position control instruction, to move the respective mover to a predetermined position. In the current mode, a current control instruction is output, in order for the respective driver to provide current to the at least one winding according to the current control instruction, to compensate a thrust loss occurred in movement of the respective mover.

