

LAMINATED BUSBAR ASSEMBLY, MOTOR CONTROLLER, DRIVE ASSEMBLY AND VEHICLE

ABSTRACT

The present disclosure relates to the field of new energy, and provides a laminated busbar assembly, a motor controller, a drive assembly, and a vehicle. The present disclosure utilizes a space at a rear end in the axial direction of a motor, and designs a partition wall and a bearing, such that a rotor is rotatably provided in a motor mounting chamber and a motor controller is provided in a controller mounting chamber. The present disclosure designs a laminated arrangement of a busbar and other devices and an annular arrangement of a circuit and power transistors, thereby improving the device integration and space utilization, effectively reducing the occupied space, and realizing high integration of the motor controller and the drive assembly.

Fig. 1