

ABSTRACT

AXLE COMPONENTS AND VEHICLES

The present application provides a shaft assembly and a vehicle. The shaft assembly includes a connecting shaft that includes a first shaft segment, a second shaft segment, and a connecting part. The first shaft segment is configured to be in transmission connection with a first mechanism. The second shaft segment is configured to be in transmission connection with a second mechanism. The connecting part is located between the first shaft segment and the second shaft segment connects the first shaft segment and the second shaft segment. The connecting part is provided with a mounting space capable of accommodating a driver, and configured to be in transmission connection with the driver such that the connecting shaft transfers a power of the driver to the first mechanism and the second mechanism when the connecting part is driven by the driver to rotate. The shaft assembly and the vehicle provided in the present description can overcome the problem of limited functionality during transmission of the transmission shaft.

FIG. 5