

TITLE OF INVENTION: DRIVING SYSTEM OF ELECTRIC MOTORCYCLE

Abstract

Disclosed is an electric motorcycle drive system, including a rear fork bracket connected to a motorcycle frame. A motor housing is disposed on one side of the rear fork bracket. A controller, a motor, and a reducer are disposed in the motor housing. The controller and the reducer are located at two ends of the motor, respectively. An output shaft is disposed on the reducer, and a wheel hub is disposed on the output shaft. The output shaft is rotatably connected to the other side of the rear fork bracket. An integrated drive system improves overall transmission efficiency, and allows optimization of a transmission ratio to further improve system efficiency, thereby reducing the cost of the drive system.

Fig. 1