ABSTRACT

An electric drive assembly (10) includes: a motor assembly (100); an electronic control assembly (200), disposed on a side of the motor assembly (100); and a cooling assembly (300), disposed between them; the motor assembly (100) includes a housing (110), a speed reducer (120), and a drive motor (130), the housing (110) is disposed to enclose the outside of the drive motor (130) and has a first housing portion (113) and a second housing portion (114), an accommodating cavity (115) is formed between the first housing portion (113) and the second housing portion (114), and the speed reducer (120) is disposed outside of the housing (110); the cooling assembly (300) includes a first cooling unit (310) disposed between the electronic control assembly (200) and the motor assembly (100) and a second cooling unit (320) disposed inside the accommodating cavity (115). A vehicle is also provided.

Fig. 1