ABSTRACT

The present disclosure relates to a motor including a stator, a coil wound around the stator, a housing member provided to surround a circumference of the stator and having a cooling medium injection portion through which a cooling medium is injected, a guide flow path defined between the housing member and the stator and configured to communicate with the cooling medium injection portion and guide the cooling medium, and a guide member provided at an end of the housing member and configured to guide the cooling medium, which is discharged from the guide flow path, toward an end-turn portion of the coil exposed to an end of the stator, thereby obtaining an advantageous effect of improving cooling performance, stability, and reliability.

Fig. 1