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Aichi (JP)(57) **ABSTRACT**(21) Appl. No.: **18/562,595**(22) PCT Filed: **Jul. 13, 2022**(86) PCT No.: **PCT/JP2022/027536**

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A case (1) that houses a rotary electric machine (2) and an inverter device (INV) has an inlet (11) through which coolant flows, and a channel (4) along which the coolant flows. The channel (4) includes a first heat exchange portion (41) where heat is exchanged between the inverter device (INV) and the coolant, and a turbine disposition portion (43) where a turbine (7) is disposed. The turbine (7) is rotated by a flow of the coolant passing through the turbine disposition portion (43), and a pump rotor (88) of an oil pump (8) that discharges oil to be supplied to the rotary electric machine (2) is drivingly connected to the turbine (7).

