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(54) **ROTATING ELECTRIC MACHINE SYSTEM, AND COMBINED POWER SYSTEM EQUIPPED THEREWITH**

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(57) **ABSTRACT**

In a rotating electric machine system, a rotating shaft of a rotating electric machine includes a first end part and a second end part. The first end part includes a projecting distal end that projects out to the exterior of a rotating electric machine housing. A rotational parameter detector is disposed on the projecting distal end. Electric terminal portions electrically connected to the rotating electric machine are disposed at one end part of the rotating electric machine housing. When viewed from a side along an axial direction of the rotating electric machine system, the electric terminal portions and the rotational parameter detector are arranged in parallel.