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(54) **Stator of rotating electric machine and structure thereof**

(57) In a stator core (1) support structure in a conventional rotating electric machine, it has been difficult to set the circumferential and radial stiffnesses with which elastic bars support a stator core (1), to appropriate values in view of a relationship between transmission of torque and vibration prevention. In order to solve the above problem, sectional shape of elastic support bars (6) is formed as rectangular, elliptic, rhombic or the like, and accordingly, the ratio between circumferential and radial stiffness of the elastic support bars (6) can be changed.

