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(54) STRUCTURE FOR AN ELECTRIC MACHINE OF AN AIRCRAFT

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ABSTRACT (57)

A structure for an electric machine includes a stator and a housing. The structure has a high-temperature torque transfer capability denoting a maximum transferrable torque between the stator and the housing at a first, higher temperature, and a low-temperature torque transfer capability denoting a maximum transferrable torque between the stator and the housing at a second, lower temperature. A ratio of the high-temperature torque transfer capability divided by the low-temperature torque transfer capability is greater than or equal to 1.2.

