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MERZ(10) **Pub. No.: US 2024/0178711 A1**(43) **Pub. Date: May 30, 2024**(54) **STRUCTURE FOR AN ELECTRIC MACHINE
OF AN AIRCRAFT****Publication Classification**(71) Applicant: **Rolls-Royce Deutschland Ltd & Co
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ABSTRACT

A structure for an electric machine includes a stator, a housing, and a cooling system for cooling the stator. The cooling system is configured to remove heat from the stator at a predefined reference temperature with a heat-removal rate that is greater than or equal to 5 kW.

