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Hubbard et al.

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(54) **COOLING OF MACHINE FOR ELEVATOR SYSTEM**

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See application file for complete search history.

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(57) **ABSTRACT**

In one embodiment, an electric machine includes a rotor including a plurality of permanent magnets and rotatable about a central axis of the machine. The machine further includes a stator including a cylindrical stator shell and a plurality of stator windings positioned at the stator shell and located radially inboard of the plurality of permanent magnets. A plurality of heat sink segments are secured to a radially inboard surface of the stator shell. Each heat sink segment of the plurality of heat sink segments includes a base portion located at the radially inboard surface and a plurality of fins extending radially inwardly from the base portion.

17 Claims, 7 Drawing Sheets

