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(54) **DECOUPLED OIL FEED FOR INTERNAL ROTOR COOLING**

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(57) **ABSTRACT**

A rotating electric machine receiving a flow of fluid at a rotor includes a stator having stator slots and a plurality of stator windings for receiving electrical current; the rotor, concentrically received within the stator, including: at least one axially-extending fluid channel in fluid communication with an end face of the rotor and an opposite end face of the rotor, wherein the axially-extending fluid channel is configured to receive fluid applied by a fluid outlet spaced a distance from the end face of the rotor.

