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(54) **ADJUSTABLE AIR GAP AXIAL FLUX MOTOR**

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(57) **ABSTRACT**

An axial flux motor may include a stator, a rotor including a rotor frame and having a rotational axis, an axial air gap separating the stator and the rotor, the axial air gap corresponding to an axial position of the rotor frame, and at least one hydraulic actuator including a variable volume hydraulic fluid chamber defined within the rotor frame, wherein a change in the volume of the variable volume hydraulic fluid chamber causes a change in the axial position of the rotor frame and a corresponding change in the axial air gap separating the stator and the rotor.

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