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A MOTOR AND A METHOD OF MANUFACTURING A MOTOR

ABSTRACT

An electromagnetic motor comprising a stator including a plurality of printed electromagnetic windings to induce a rotating magnetic field in an airgap, a rotor having a plurality of magnets to interact with the magnetic field in the airgap to cause the rotor to rotate about the stator, and a fluid dynamic thrust bearing in the airgap, including a printed formation to provide a lubricating fluid layer between the stator and rotor when rotating. Also a method of fabricating a winding for a motor and a method of fabricating a fluid dynamic thrust bearing for a motor.

Figure 1

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