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(54) Title: IMPROVED ROTOR ASSEMBLIES FOR AXIAL FLUX MACHINES

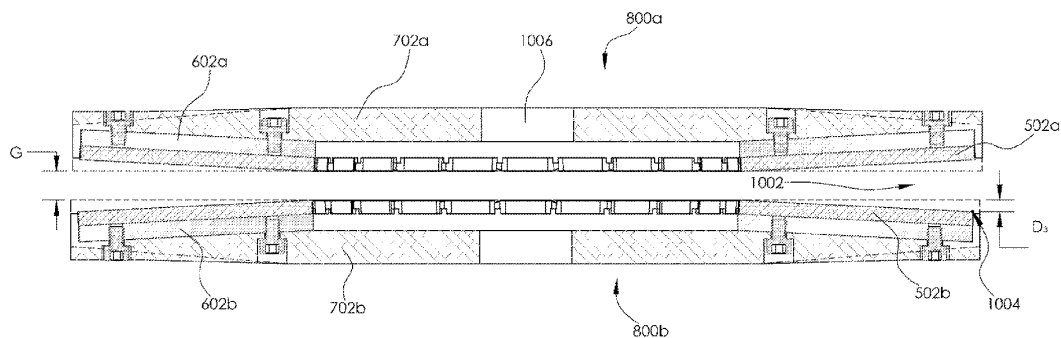


FIG. 10

(57) Abstract: A rotor assembly for an axial flux machine may include at least one magnet and first and second support structures. The first support structure may be configured to have the at least one magnet attached thereto and to provide a flux return path for the at least one magnet. The second support structure may be configured to be attached to the first support structure so as to allow torque to be transferred between the at least one magnet and the second support structure via the first support structure, and may be further configured (A) to be attached to a rotatable shaft of the axial flux machine, or (B) to function as an output or input flange of the axial flux machine.

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