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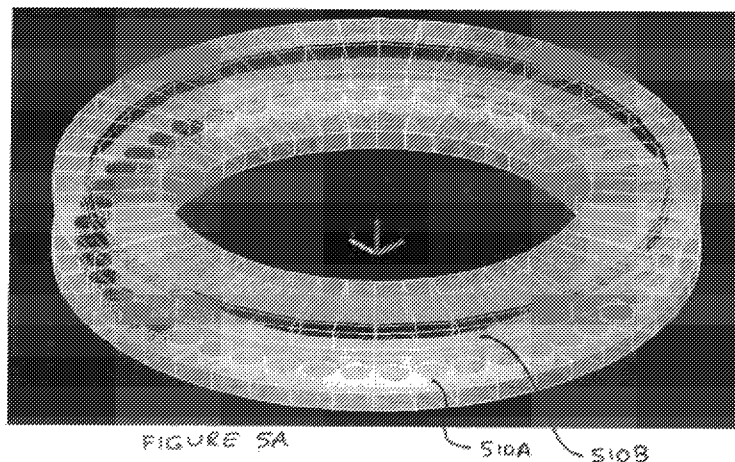
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(54) Title: MAGNET CONFIGURATIONS FOR MAGNETIC LEVITATION OF WIND TURBINES AND OTHER APPARATUS



(57) Abstract: A wind turbine having one or more magnets for reducing friction between the turbine support and a turbine rotor. The reduction of friction between the turbine rotor and the turbine support allows for an increase in energy production and scale of the wind turbines. The magnet configuration employs a ring of cylindrically-shaped magnets at the bottom and opposed by a corresponding number of generally rectangular-shaped magnets. Bearing magnets are also employed for axial stabilization.