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(54) Title: A POWER GENERATOR FOR A HYDRO TURBINE

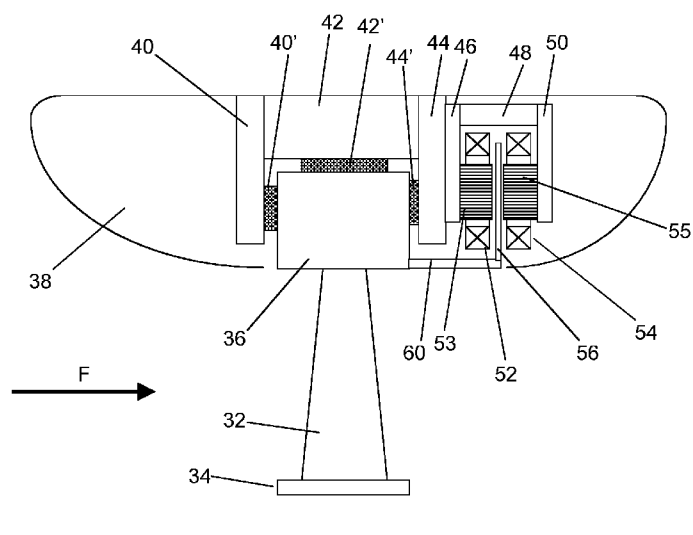


Figure 5

(57) Abstract: A power generator for a hydro turbine is axially coupled to the hydro turbine. The generator comprises a rotor arranged to rotate about an axis in response to fluid flow through said turbine. A first stator structure incorporates at least a first winding disposed circumferentially around the axis and axially displaced in a first inboard direction from the rotor. A second stator structure incorporates at least a second winding disposed circumferentially around the axis and axially displaced in a second outboard direction from the rotor, the rotor being arranged to electrically couple with the windings.