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(54) Title: A HYDROELECTRIC TURBINE WITH FLOATING ROTOR

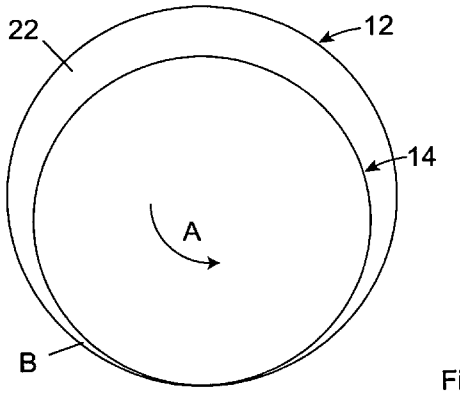

Fig. 4

(57) Abstract: The present invention is concerned with a hydroelectric turbine which includes a stator and a shaftless rotor housed for rotation within the stator, the stator defining an opening or channel in which the rotor is retained and which channel is dimension to permit the rotor to undergo both axial rotation and displacement along the circumference of the opening, whereby during operation the rotor assumes substantially hypocycloidal motion relative to the stator.