

ABSTRACT

A HYDROELECTRIC TURBINE COIL ARRANGEMENT

The present invention provides a hydroelectric turbine for generating electricity by extracting power from the tidal flow of water through the turbine, the turbine comprising a shaftless rotor which results in the eccentric rotation of the rotor relative to the stator, which can result in uneven generation of power through differences in the spacing between rim mounted magnets and coils forming a generator of the turbine, the turbine thus employing groupings of equally spaced and serially connected coils.

(FIG. 2)