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(54) Title of the invention : A HYDROELECTRIC TURBINE SYSTEM

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(57) Abstract :

A hydroelectric turbine system having water channelizing unit and a circular rotor to be rotated on its axis via a uniform water flow from the said water channelizing unit. The said circular rotor includes a circular base and a plurality of cup-shaped blades. The said water channelizing unit includes a main water flow path and a plurality of nozzles, wherein, the said plurality of nozzles are adapted for controlling the flow of water in a predefined flow path. Further, the said circular rotor includes a circular base and a plurality of cup-shaped blades configured thereof. The said circular rotor is horizontally placed below the said plurality of nozzles, wherein each of the said plurality of nozzles provide a uniform water flow to circularly push each of the plurality of cup-shaped blades.

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