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(57) Abstract :

A tidal power harvesting water vessel, comprises of a sailing boat 1 having a motorized engine controlled by a user for rowing boat 1 over a water body, a display panel 2 accessed by user for providing input regarding a user-desired direction at which boat 1 is to be turned, multiple telescopically operated L-shaped rods 3 to establish a mast of a compatible dimension for boat 1, blocks 5 are integrated within a freely movable piston 8 that experiences a force due to tidal movement of water over water body, and a flywheels 9 are connected with a dynamo 10 via shaft 11 for transferring rotational energy which leads to conversion of rotational energy into electrical energy that is further stored in a battery in order to harvest tidal energy from water movements.

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