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(54) Title: DEVICE FOR THE CONTINUOUS AND DISCRIMINATED POSITIONING OF EACH BLADE OF HYDRAULIC TURBINES AT VERTICAL AXIS

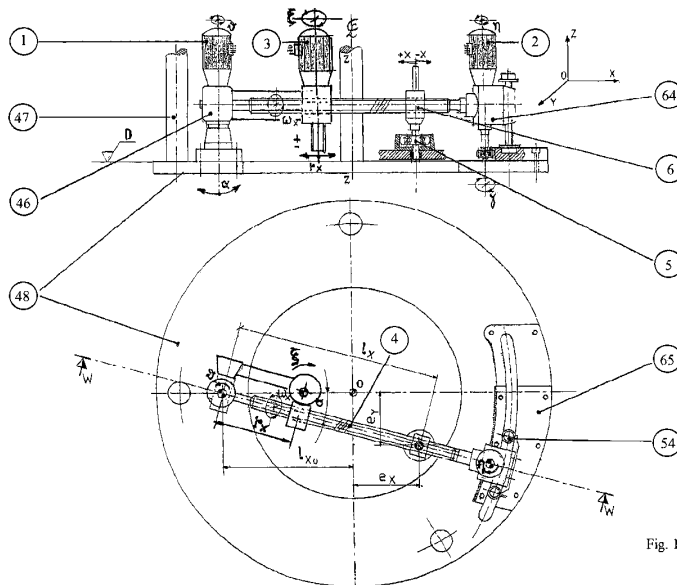


Fig. 1

(57) Abstract: Device for the continuous positioning of each blade of free flow hydraulic turbines at vertical axis with instant impact angular positions always optimal for any different stream speed. Two coplanar floating disks connected to a levers system controlled by three separated electrical stepper motors compose the device. On varying the water stream speed blades specific paths happens along the orbital path of rotating barrel. The blades are equidistant placed at the edge of rotating barrel, while the electrical stepper motors are fixed to the external frame of the hydraulic turbine.

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