

ABSTRACT

A suspension rotary water pressure energy conversion power output device. The
5 device comprises energy converters (2) fixed to a rotating shaft (6), a ring shape
frame (1) being concentric with and fixed to the rotating shaft (6), a turnover
mechanism (3), a supporting base (4) and a hydraulic transmission mechanism. At
least three energy converters (2) are radially and uniformly arranged around the
rotating shaft (6). The ring shape frame (1) is driven by the turnover mechanism (3) to
10 rotate. The device is arranged in the water in a microgravity suspension state, the
device is circularly and continuously rotated around the rotating shaft under smaller
external force. During the rotation, the floating energy is converted to hydraulic
energy by releasing a floating buoy. By multiple said devices used in combination, the
hydraulic oil is pressed into a high-pressure oil accumulator continuously to be used
15 directly or for electric power generation in a hydraulic generator.