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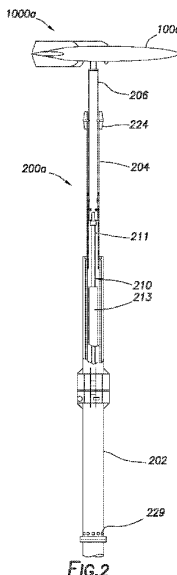
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(57) Abstract: A system for converting wave energy into electricity is provided. The system includes a wave energy mechanical interface, a power take off coupled with the wave energy mechanical interface, and a generator coupled with the power take off. A controller is coupled with the power take off. The controller is configured to regulate impedance of energy transferred from the power take off to the generator.

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