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**Hanna**

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(54) **HYDRODYNAMIC ENERGY GENERATION SYSTEM WITH DUAL FLUID ENTRY SYSTEM**

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(52) **U.S. Cl.**  
CPC ..... **F03B 13/10** (2013.01); **Y10S 415/916** (2013.01); **F03B 17/005** (2013.01)

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See application file for complete search history.

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(57) **ABSTRACT**

The hydrodynamic energy generation system includes a housing at least partially submerged in a body of water, a first valve at a top of the housing for regulating an amount of water that enters a first opening at the top and falls into the housing, a generator that produces electrical power when water falls through a turbine under the first opening, a reservoir located below the turbine of the generator, a second valve for regulating an amount of water that enters a second opening, an internal water jet that discharges water from the second valve, a gear mechanically coupled to the external water jet wherein the gear is moved by water expelled from the internal water jet, and an external water jet for expelling water from the reservoir.

**19 Claims, 5 Drawing Sheets**

