Title (en)

ENERGY TRANSFORMATION DEVICE, SYSTEM AND METHOD FOR COMBUSTING HYDROGEN AND OXYGEN

Title (de)

ENERGIEUMWANDLUNGSVORRICHTUNG, -SYSTEM UND -VERFAHREN ZUR VERBRENNUNG VON WASSERSTOFF UND SAUERSTOFF

Title (fr)

DISPOSITIF, SYSTÈME ET PROCÉDÉ DE TRANSFORMATION D'ÉNERGIE POUR LA COMBUSTION D'HYDROGÈNE ET D'OXYGÈNE

Publication

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Application

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Abstract (en)

[origin: WO2010080042A1] The present invention concerns an energy transformation device with a chamber (2) and a supply system with at least one valve (3) for sequential supply of hydrogen and oxygen to the chamber (2). An ignition system ignites the mixture of hydrogen and oxygen such that it is formed a pressure increase and motion in the water in the chamber. A bleed off valve (21) is provided to bleed off water formed in the combustion. The bleed off valve forms the only outlet of the chamber (2) such that the chamber forms a closed system. Energy receiving elements (7) for receiving motion and pressure in the liquid are integrated with the chamber (2). Furthermore, it is described a method for operating an energy transformation device and a system with an energy transformation device.

IPC 8 full level

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Citation (search report)

- [XI] CA 2652951 A1 20080103 - FIGL GERHARD [AT]
- [X] WO 8201395 A1 19820429 - BUCKNAM DONALD C
- See references of WO 2010080042A1

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