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Samrgandi

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(54) **HHO SYSTEM, HIGH PRODUCTION OF HYDROGEN GAS**

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C25B 15/08 (2006.01)

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CPC . ***C25B 1/04*** (2013.01); ***C25B 15/02*** (2013.01); ***C25B 15/08*** (2013.01); *Y02E 60/366* (2013.01)

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CPC . C25B 1/02–1/12; C25B 15/02; C25B 15/08; Y02E 60/366
See application file for complete search history.

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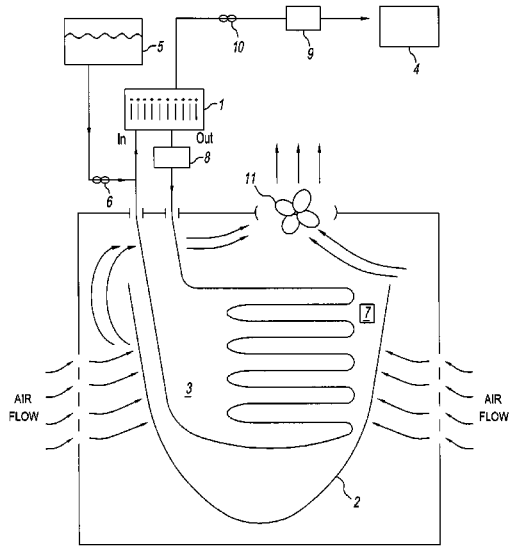
(57) **ABSTRACT**

The invention discloses a hydrogen/oxygen (HHO) system containing a HHO generator and a Zeer pot which is configured to reduce a temperature inside the HHO generator by evaporation of water on a surface of the Zeer pot. The Zeer pot contains a radiator which cools an electrolytic solution for the HHO generator. The HHO system also contains a pump and a reservoir tank which is in fluid communication with the radiator to pump the electrolytic solution from the radiator back to the HHO generator, and a demister which is installed downstream of the HHO generator to remove steam from hydrogen and oxygen gas generated in the HHO generator.

16 Claims, 3 Drawing Sheets