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New type of buoyancy energy

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Energy has been one of the basic needs of human for their lives, and this need has existed from the very past till today. We always have been used various methods to supply energy from different sources, but some of these methods have been creating environmental problems, including greenhouse gas emissions and global warming. Also on the other hand, limitation of energy sources such as: water resources and fossil fuels, have also led to the use of renewable and clean energies which should be considered and have been used using different methods.

But the barriers and problems of using renewable energies include:

- High cost: High costs of manufacturing, production, installation and utilization
- High technical knowledge: High technology and its proper knowledge for using these types of energies is limited to few countries
- Lack of access: Always there will be some local and temporal restrictions to these renewable energy sources and will not be available easily.

The purpose of this project is to use a new method to produce renewable energy without the use of high-tech manufacturing which will ultimately lead to clean energy production. In the present proposal, it has been considered a new type of renewable energies that has been generated by buoyancy force, and ultimately it transfers to generate energy which is a clean and renewable energy.



Figure: Buoyancy Energy Machine Sample Model

Recent Publications

1. Irving Herman Shames, Mechanics of Fluids Book, Mcgraw-Hill, 2003.
2. Ferdinand P. Beer, Mechanics of Materials Book, Mcgraw-Hill, 1981.
3. Yunus A. Cengel, Thermodynamics: An Engineering Approach, Mcgraw-Hill, 1993.

Biography

Hamed Khodayar Sahebi is currently pursuing Mechanical Engineering in Islamic Azad University, Iran. His research focuses on the new type of renewable energy. Recently he has built an experimental model named "Buoyancy Energy Machine" which on testing resulted to generate renewable and clean energy.

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