

Self Flowing Generator

Batta Mahesh

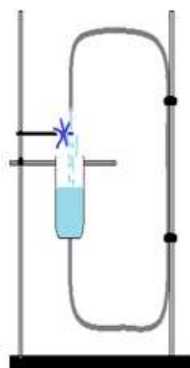
Varadapuram, Sangala (P), Bathalapalli (M), Anantapur (Dist), Andhra Pradesh, 515672, India

Abstract: Ever since the first century A.D. there have been relative descriptions of known devices as well manufactures for the creation of perpetual motion machine. Although physics has lead with two thermodynamic laws, to the opinion that a perpetual motion machine is impossible to be manufactured. However the fact of the failure in manufacturing a perpetual motion machine till now, it does not mean that countless historical elements for these fictional machines become indifferent. The discussion on every version of a perpetual motion machine on the one hand gives the chance to comprehend the inventor's of each period level of knowledge and his way of thinking, and on the other hand, to locate the points where this perpetual motion machine clashes with the laws of nature and that's why it is impossible to have been manufactured or have functioned. The presentation of a new perpetual motion machine has excited our interest to locate its weak points.

Keywords: Generator, Turbine, Efficiency

1. Introduction

Perpetual motion machine:



A machine which, since set in function, continues to function perpetually without supplying any energy. The question about the perpetual motion machine is one of the issues, which attracts people who tend to believe strange things. On the other side it must be stated that it is not always easy to be proved theoretically that it is impossible for a manufacture to function because in each more complicated system a great number of secondary activities are involved, in which energy issues should be taken into consideration. There is also a great number of ideas about perpetual motion machines, which (don't) function with magnets, chemical substances or flame. Since the first century A.D. there have been relative descriptions of the most known devices for the designing of a perpetual motion machine.

1.1 Area of research

Self flowing generator (PMM) will produces electricity without an external work. It is based on the self flowing flask which was created by "Robert Boyle's". It is not an existing system, So it is proposed system by suitable liquid with low specific gravity.

1.2 Objective of thesis

Self flowing generator which gives work output without any work input. Now a days energy needs will be more to

produce work output. So we invented the self flowing model to overcome the energy consumption.

1.3 Motivation

There is no existing system about the self flowing generator. So we have created by selfmotive.

2. Literature Survey

2.1 Introduction

This is one type of electricity generator by self flowing of liquid through a self flowing flask without any external energy. By the flowing of low viscous liquid through boyle's flask.

2.2 Purpose

- To generate an electricity without an external energy or work to flow of liquid.
- It is a proposed system, the idea which is impossible to generate output without any input.

2.3 System Study

Feasibility study

The feasibility of the project is analyzed in this phase and business proposal is put forth with a very general plan for the project and some cost estimates. During system analysis the feasibility study of the proposed system is to be carried out. This is to ensure that the proposed system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential.

Three key considerations involved in the feasibility analysis are

◆ Economical Feasibility

This study is carried out to check the economic impact that the system will have on the organization. The amount of fund that the company can pour into the research and

development of the system is limited. The expenditures must be justified. Thus the developed system as well within the budget and this was achieved because most of the technologies used are freely available. Only the customized products had to be purchased.

2.4 Requirements

2.4.1 Hardware Requirements

- Ply wood
- Rubber tube
- Polyethylene glycol or budweisure beer
- Turbine
- Generator (6V-10V)
- Led bulb

2.5 System Analysis

2.5.1 Existing System

The project is not an existing system but it is created by the based on idea which is related to perpetual motion and flask is nothing but boyle's flask.

2.5.1.1 Disadvantages of Existing system

There was no invention of this apparatus. they were shown its impossible. But using the polyethylene liquid we could overcome the disadvantage.

2.5.2 Proposed system

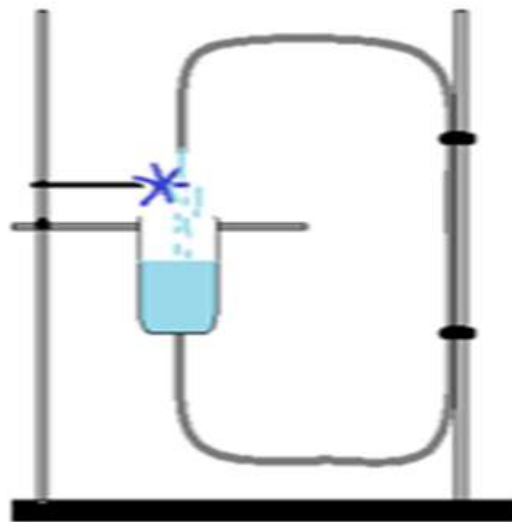
By the using of polyethylene glycol or Budweiser beer which have low viscous, low specific gravity we can create a self flowing of liquid.

2.5.2.1 Advantages of Proposed system

- The Self flowing generator is reliable and sustainable.
- The Self flowing generator does not depend on nature to fuel itself, unlike other electricity sources such as solar, fossil fuels, bio-fuels, etc.
- The Self flowing generator does not leave a negative impact on the environment.
- The Self flowing generator is the least expensive energy source when compared to traditional electricity generation methods.
- There is a Self flowing generator clean, affordable energy source.

3. Working Principle

- When self flowing liquid which has low specific gravity, density, low viscosity is poured in a self flowing flask, the liquid in the capillary tube rises and reach the starting point and continues to flow.



The liquid in the flask has a higher density than the foam in the tube.

- Hydrostatic pressure equation.

$$P = \rho g h$$

Where p = pressure

ρ = density of liquid

G = acceleration due to gravity

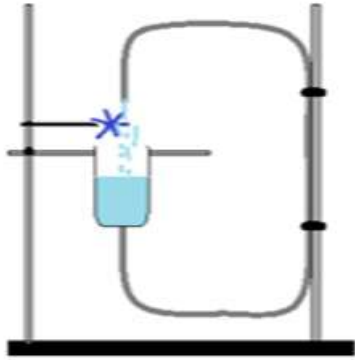
H = height of liquid column

- During this process liquid falls on turbine blades with some potential energy to drive the turbine shaft which is connected electric generator. Then electricity produced by generator.
- The above formula says that the pressure of liquid is higher than pressure of foam.
- The difference could be enough to produce a continuous liquid flow.

4. Apparatus Construction

- Initially we have to locate the plywood with two vertical columns one is used to suspend the flask stand and another column is used to support the capillary tube.
- After the creation of stand we should place the flask which is connected by capillary tube.
- The tube is connected to bottom of the flask and its another end is placed over the head of the flask as shown in fig.
- In between the head of flask and the end of capillary tube, we should keep the turbine.
- Shaft which transmit the power of the turbine to generator.

4.2 Activity Diagram



References

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4.3 Summary

- However, it is very useful apparatus to give an output with zero input.
- By this project we thought that we can overcome energy need up to some extent.
- The entire apparatus is based on the principle of perpetual motion.
- Therefore the project will show the perpetual motion or self flowing of liquid which has low viscosity, low specific gravity.

5. Results

5.1 Output

During this process liquid falls on turbine blades with some potential energy to drive the turbine shaft which is connected to an electric generator. Then electricity produced by the generator.

5.2 Summary

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6. Conclusion

- However, by this project we have shown that there is no need for consumption of energy.
- Fluids which have low specific gravity, low density, and are non-viscous are suitable for this kind of process.
- Therefore, we conclude that liquids which have such properties easily flow through a capillary tube and generate power by the falling of liquid on the turbine.
- In conclusion, the perpetual motion machine is the least expensive, clean, and affordable alternative energy source in the world.