International Journal of Science and Research (IJSR)
ISSN: 2319-7064
SJIF (2022): 7.942

Light Speed EM-Wave Engine

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Abstract: ***There is todays need to travel with light speed for achieving long distance travel in space. The planets are at so long distance so that to travel at the planet several days to several months are required with today's available engines. Today's available chemical reaction engines are fast which can cover several kilo-meter in a second, but this speed is also not enough to reach the planet at long distances like Mars which requires several months for landing on mars. So, there is a need of light-speed engine to travel such distance so that several months journey can be achieved in several days or few hours to few minutes. There are vast researches are going to increase the speed of engines to light speed. These engines uses thrust to travel the rocket or spaceship by using chemical reaction engines, nuclear engines and continues researches are going for increasing thrust of the engines and to increase the speed of spaceship. These engines generates a thrust so that spaceship or rocket travels several kilo-meters in a second, but with thrust developed with above engines there is no light speed is achieved yet, so scientists going to use new technologies to travel with light speed and researches are continuously going in this field. Here new ways of making travel is used to achieve light speed.So, for achieving light speed EM-Wave engine is one of the new technology to achieve light speed that here is explained. It is a technology of electromagnetic wave engine where spaceship or rocket travel with light speed or achieve nearly light speed. Here engine itself is an electromagnetic wave which can travel with light speed or nearly light speed. Hence its name is given as electromagnetic wave engine.***

Keywords: light speed, light speed engine, chemical reaction engine, nuclear engine, thrust, electromagnetic wave, electromagnetic wave engine.

1. Introduction

Here we are using spaceship or rocket as an electromagnetic wave, hence whole spaceship is a wave and travels like electromagnetic wave so that spaceship itself is an electromagnetic wave will be travelled hence name given as electromagnetic wave engine. As we know the electromagnetic wave travels with light speed, our engine which in the form of wave will travel with light speed.

2. Construction and working

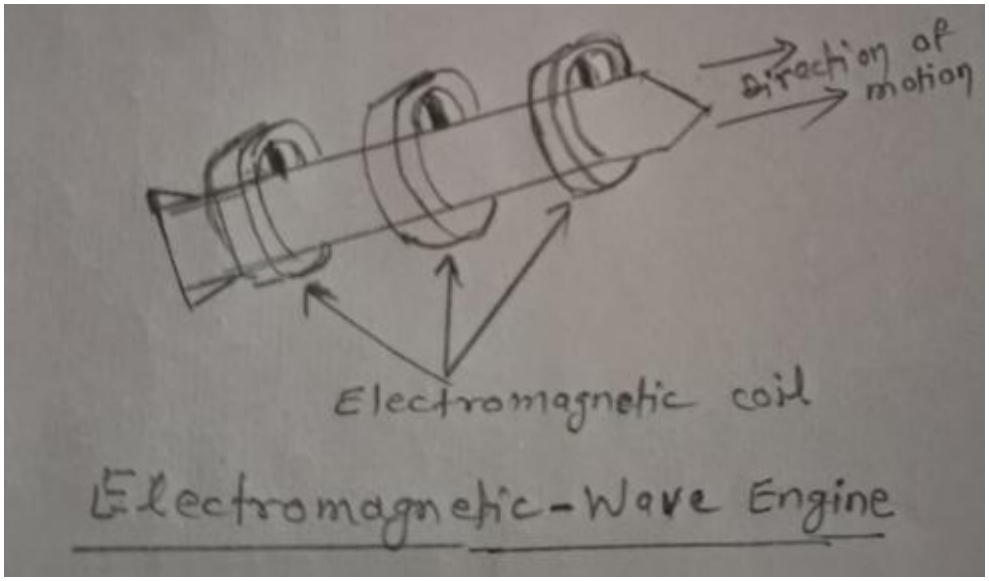
The working of light speed electromagnetic wave engine can be understood from simple motor or drive. As like in motor, an electromagnetic field is developed in the stator, rotates the rotor of the motor, where stator is standstill and rotor rotates and gives the rotational speed just like in light speed EMwave engine, an electromagnetic coil is arranged in such a wave that instead of rotational motion we can get forward motion speed of say rotor which is actual a spaceship or rocket and this electromagnetic coil will be attached to spaceship so that with the movement of spaceship in forward direction , electromagnetic coil also moves in forward direction that is here there is no rotary part only forward movement is to be achieved and stator moves with rotor(say). Hence for a spaceship or rocket we get a forward movement or forward motion.

As we know in space there is zero gravity hence no weight for spaceship or rocket. This will help the spaceship or rocket in space to move with a large forward speed. The electromagnetic field generated with the spaceship will travel along with the spaceship, so that further movement is possible. So generation of continuous electromagnetic field and forward movement of the spaceship gives a form of continuous electromagnetic field which gives a nature of wave. Hence electromagnetic wave which gives the continuous forward speed hence electromagnetic wave engine.

Here the electromagnetic field or wave is so arranged that the rocket or spaceship itself is a part of electromagnetic field or electromagnetic wave, hence we can achieve great speed which can be increased up to the speed of electromagnetic wave. Hence this engine is able to give the electromagnetic wave speed and hence we can achieve light speed.

Here the electromagnetic field of high magnitude potential is required with high frequency of electromagnetic field for high speed as like EM- wave. High magnitude potential can be achieved by mutual inductance and high frequency In range of EM-wave frequencies can be achieved by adjusting the poles of electromagnetic coil and capacitance design within within the coil structure or provided externally so that speed can be achieved like EM-wave. Further frequency control can be used to control the speed of engine.

Other than weight if mass and volume of the engine is design problem to travel then more than one number of coils, can be used which will equally distributes the mass and volume of engine so that all coils used will be in phase to travel the engine in forward direction in one direction.



3. Conclusion

Hence we have designed an electromagnetic wave which can make travel the rocket or spaceship at a speed of light as speed of electromagnetic wave is equal to light speed. In this way we achieved light speed of spaceship or rocket or nearly equal to light speed.