

Mechanism for Elimination/Reduction of Dragging Force in Generator III

(無阻力發電系統概念 III)

(A Mechanism for elimination of the Drag Force in the generating process by using principle of EDMII without involving any force redirection mechanism.)

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Inventor: Euler

Background/Development of Idea:

In MEDFGI we apply the principle and mechanism of EDMII into the electrical generating process for the elimination of dragging force. Is that other method or principle that we can eliminate the effect of that without involving at least a pair of dragging force? One of the possibility is to directly neutralized the effect of dragging force by competing against a stronger force field.

Summary & Discussion:

Dragging force happened when a source of Magnetic field is changing its distance from an electromagnet coil which the electromagnetic coil generate a force field resisting this change. The effect would be experienced on the party(ies) that is initialize the change. While Physics has interpretate this as a proof of conservation of energy which kinetic energy is converted into electrical energy, this inventor interpret this as a by-product of generator design which the newly generated electrical current is interacting with the Magnetic field again to produce an opposing effect on the moving party. Thus if we treat this antagonist kinetic energy as a by-product of generator design, then we can apply the principle EDMII to eliminate it. If we are able to eliminate the effect of this antagonist' kinetic energy, we are able to remove the effect of dragging in the realm of electricity production. Thus, the electricity production no longer has any relationship with 'conversion' of kinetic energy in the appearance of dragging force.

There are many way to implement the idea of EDMII into reduction/elimination of dragging forces. The generic idea behind all of them is to deplete this unwanted kinetic energy against a permanent force field of any kind: Gravitational, Magnetic, Electrical by using this force to compete against an equal or stronger permanent force field. Since it is weaker than the permanent force field, thus this unwanted kinetic energy dissipate itself in the process of unsuccessful competition with that force field without accomplish any change in either the force field or the object acting as a medium in the force field.

To eliminate the drag force, we usually need an expressive mechanism. The difficulty in overcoming drag force lays in it appear to be inseparable with the movement of the object. Thus we need a mechanism to separate this force from the movement of the object itself. One expressive mechanism is by attaching the objects experience the drag force with another object that doesn't experience the same force. Thus when they are moved together the difference between them is manifested. Then this difference is either directly or redirect to other mechanism that work against a stronger force field. To work against a stronger force field means that either the movement of itself is in the opposite direction of the flux line, or indirectly through an object under the influence of drag force which is acting against the stronger force field.

The neutralization mechanism of choice here is a source of stable force field like gravitational/Electrical/Magnetic. The drag force either by itself or through expressive mechanism is made to acting against this stable source of force field. For instance, in the case of a rotor rotating

clockwisely/anti-clockwisely downward in a gravitational field would encounter a drag force acting upward in clockwise/anti-clockwise direction. The expressive mechanism in the case could be nothing since gravity is aiding the rotor in moving downward, we just need to ensure this neutralization force is strong enough to overcome the drag force. Another neutralization mechanism of choice in this case could be a Magnetic field acting on the metallic rim which is moving in phase with the expressive mechanism. The Magnetic field is providing a constant force acting in the opposite direction which the drag force led the expressive mechanism to move, thereby the expressive mechanism is prevented from moved according to the drag force, which is effectively canceling the effect of drag force. For instance, we can imagine the expressive mechanism is indirectly/directly bringing a movable Magnet to another stable but repelling Magnet whatever the drag force is presence, therefore the repelling force would prevent the movable Magnet from approaching another repelling Magnet, thus the repelling force is transferring backward to the source of drag force and prevent it from affecting the movement of an object experience the drag force. It is not necessary for the neutralization mechanism to be that simple, it could be any level of complexity as long as it fulfilled its goal without directly interfering with the electrical generating process.

Claim: The system in its entirety with at least all its essential components each for the purpose stated above and together as a whole for the purpose of reduction/elimination of Dragging force during the Electrical energy generation process without affecting the output of electrical energy.

Related Claims:

EDMI(Euler)

Applications:

Non-Dragging Generator

Advantages:

1. The output of electrical energy is no longer relevant to the inputting kinetic energy, thus no upper limit for output.

Technicalities:

1. The elimination of dragging forces may not be complete.
2. The effect of presence of other field may influence the generation process, thus they must be isolated from each other.