

Recycling of energy of the atmosphere by means of vortex

Sorokodoum E.

Vortex Oscillation Technology Ltd , Russia

Physical content of the device.

Quiet air of the atmosphere has a thermal energy (thermal energy of air and water pair) and potential energy of pressure of an atmosphere. The selection of energy from quiet air atmosphere can occur by means of change of the following parameters of air: pressure, density, temperature, viscosity.

In offered development energy of the atmosphere recycling with the help of a vortex. Thus the recycling of energy by a vortex can occur only then, when the vortex will have the specific characteristics in generation it, mechanism of recycling and transfer of energy to the generator. The basic requirements in the device:

Generation of the vortex.

Vortex should have the following properties:

- to have the large speed of rotation;
- the geometrical characteristics of the vortex (sizes, diameter etc.) should change in time;
- the change of the geometrical and kinematic characteristics should occur quickly and to the help of remote control.
- Mechanism of recycling of energy from atmosphere.
- It is possible to use the following ways of recycling of energy of air:
- transfer of potential energy of pressure of air to the vortex by means of deformation of external border of the vortex;
- transfer of a thermal energy of air to the vortex by means of heating air taking place inside the vortex;
- selection of a thermal energy at condensation of a water from air and transfer of this energy to the vortex;
- other ways.

Transfer of energy of the vortex to the consumer (electrogenerator or other).

Area of its application.

Independent source of thermal and electrical energy for individual houses, farms and other consumers. This source of energy of continuous action and for it are not necessary a wind or sun.

Degree of novelty.

One of perspective directions of creation of a renewed source of energy is the recycling of energy of quiet air with the help of the atmosphere. These ideas originate from works Nikolai Tesla (1880), Viktor Shayberger (1930-1952) and others. Now in the world more than 20 laboratories and separate scientists try with the help of the vortex to create a renewed source of energy. The works in these laboratories are at a stage of creation of the vortex. The creation of the vortex occurs by a traditional way (to the help of the screw, compressor, rotating cylinder or vessel etc.). Such vortexes will not have the large speed and the sizes quickly and with the help of remote control will not change. Thus in these works there is indifferently problem: as from atmosphere recycling energy. Such level of realization of work will not allow to create a vortical source of energy.

The developer has made and has:

- three ways generation of the vortex with the special characteristics (KNOW-HOW);
- working breadboard model for creation of the vortex with special properties;
- electronic control system of the geometrical and kinematic characteristics of the vortex;
- is experimentally received a vortex with necessary by the characteristics;
- three mechanisms of recycling of energy of atmosphere with the help of the vortex (KNOW-HOW).

The investments for end of development are required.