

ABSTRACT

A method for improving the efficiency of power generation in a method for power generation comprising forcefully forming
5 an ascending gas flow channel and a descending gas flow channel within a closed zone with a gas sealed therein, generating a whirling flow by the synergistic interaction of both and rotating a turbine by the whirling flow to generate electric power as well as a device for realizing the same. A whirling
10 flow to rotate fans (3,4) is generated by installing a cylindrical rotor (2) between the ascending gas flow channel and the descending gas flow channel. Optionally, a second cylindrical rotor (12) is further installed between the ascending gas flow channel and the partition wall isolating the closed zone from
15 outside so as to reduce the friction between the ascending gas flow and the descending gas flow. And, the present invention is suitable as a method for power generation by utilizing, for example, a temperature difference occurring in nature.



G00002



162162