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(54) **CONVERTER AND AN ENERGY CONVERSION METHOD, A TORQUE FLOW PUMP AND A TURBINE**

(57) The disclosed invention is aimed at developing environmentally clean sources of mechanical and/or electrical energy, which do not require the use of organic or nuclear fuel, at raising the efficiency of low-potential heat sources, including the thermal waste of anthropogenic activities, and at reducing harmful discharges to the atmosphere. The technical result is attained owing to the fact that the disclosed method for tornado-type conversion of energy of continuous medium, tornado-type energy converter (alternative embodiments), solar energy converter, method for magneto-thermal conversion of energy, tornado-type converter of magneto-thermal energy, tornado-type blower, and tornado-type turbine utilize the effect of self-organization of tornado-like jets and devices for forming man-made tornados.

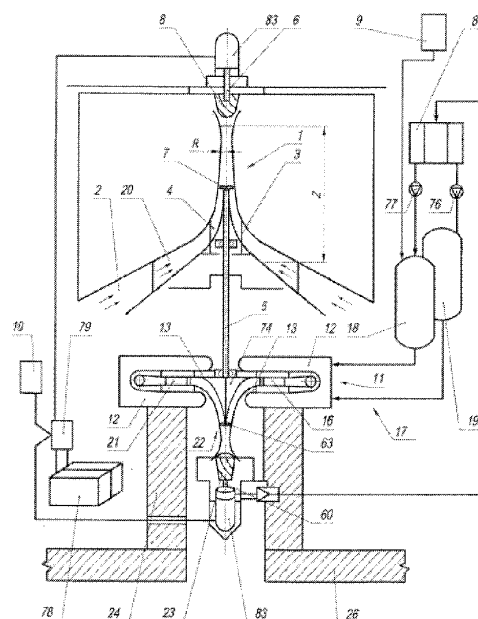


Fig. 1