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The invention relates to heat power engineering, in particular to wind heat generators with eddy currents, and can be used for converting mechanical energy into heat energy.
The wind heat generator with eddy currents comprises an inductor (3) with permanent magnets (4), made of non-ferromagnetic material and installed on a central shaft (7), connected to an engine (16) and fixed by means of bearings (8 and 9) in a body (17). The inductor (3) is coaxially placed with an armature of ferromagnetic material, which comprises chambers (1 and 2), forming concentric outer (13) and inner (14) water jackets with liquid heat-transfer agent, equipped with an inlet branch pipe (5) and an outlet branch pipe (6) respectively. The inductor (3) is placed in a space between the jackets (13 and 14) with the formation of gaps (11 and 12). The permanent magnets (4) are placed in longitudinal grooves (10), made on the cylindrical surface of the inductor (3).

Claims: 1
Fig.: 4