

The invention relates to power engineering and solar engineering, in particular to solar thermal systems, and can be used for heating liquids.

The system, according to the invention, comprises photovoltaic thermal panels (1, 2, 3), connected to a cold liquid pipe (4) and a warm liquid pipe (5), connected to a pump (8) and connected to a heat pump evaporator (PC) by means of inputs (6, 7). The outlets (9, 10) of the heat pump evaporator (PC) are connected to a heat exchanger (11) of a household warm liquid accumulator tank (12) by means of pipes (13, 14), which are connected by means of pipes (15, 16) and a pump (19) to a heat exchanger (17) of a warm liquid accumulator tank for heating (18), the second heat exchanger (20) of which is connected by means of pipes (22, 23) and a pump (24) to a heating system (21).

Claims: 1

Fig.: 1

