

The invention relates to the hydrogen water production technology, namely to electrochemical hydrogen water generators.

The generator, according to the invention, comprises a cylindrical body (1) with a cover (2), which is made of two insulated working chambers. In the lower part of the upper working chamber are fixed two electrodes, and in the lower working chamber (6) is placed a power source (7) with an on-off button (8), connected to a power supply unit (12). As electrodes is used a porous three-dimensional cathode (4) of foamed metal and an anode (3) of perforated graphite or titanium, coated with ruthenium dioxide. The distance between the electrodes is 2...3 mm.

Above the electrodes are placed Z-shaped wire elements (5), arranged in the form of a spiral with an offset around the axis of the body (1). The power source (7) is equipped with an electrical connector (11).

Claims: 3

Fig.: 2

