

The invention relates to electrochemistry, particularly to hydrogen generators for vehicles.

The hydrogen generator comprises a body (4), inside which there are placed electrochemical accumulators (1) with electrodes (11, 12) and electrolytic cells (2) with reacting (8), hydrogen (9) and controlled (10) electrodes, at the same time between the electrolytic cells (2) it is placed a heat exchanger (3) connected to the cooling system of the vehicle engine by means of inlet (6) and outlet (7) pipelines. The electrodes of the electrolytic cells are connected to the electrodes of the accumulator by means of a control unit, placed outside the generator, at the same time the electrochemical nodes are separated from the body by means of a heat-insulating material (5).

Claims: 1

Fig.: 1

