

The invention relates to electrical engineering, namely to direct-current-to-alternating-current inverters for renewable energy sources, in particular for photovoltaic modules.

The inverter for photovoltaic module comprises a module (1), to the output of which are connected in parallel the first branch formed of two electronic switches (2, 3), the second branch formed of two electronic switches (4, 5), the third branch formed of two capacitors (6, 7) and the fourth branch formed of two electronic switches (8, 9), the elements of each branch are interconnected in series. In parallel with an electronic switch (3) are connected an inductance (10) and a capacitor (11), interconnected in series. Between the connection point of the electronic switches (4, 5) and the connection point of the capacitors (6, 7) is connected an inductance (12). Between the connection point of the capacitors (6, 7) and the connection point of the electronic switches (8, 9) is connected a capacitor (13), the terminals of which form the outputs of the inverter for connection thereto of the load (14).

Claims: 1

Fig.: 3

