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The invention relates to mechanical engineering, namely to electric transmissions for hybrid vehicles.
The transmission, according to the invention, comprises a synchronous motor-generator (1), which is connected to an internal combustion engine (3) through a mechanical reduction gear (19) and to a traction synchronous motor-generator (7). The terminals of the stator winding of the motor-generator (1) are connected to the input of an electronic switch (21), and the terminals of the stator winding of the synchronous traction motor-generator (7) are connected to the input of an electronic switch (22). The outputs of the electronic switches (21) and (22) are connected to each other, to a current inverter (11) and to a controlled alternating current rectifier (23) for charging the battery (4) from the synchronous motor-generator (1) or from the traction synchronous motor-generator (7). The transmission also comprises a hybrid vehicle electric transmission control unit (16), an internal combustion engine control unit (17) and a hybrid vehicle control unit (18).

Claims: 1
Fig.: 1