

ABSTRACT

VEHICLE DRIVE SYSTEM

The vehicle drive system (1) has an asynchronous motor (2) mechanically coupled to a wheel (3) of the vehicle, a rechargeable accumulator (4), a first converter (5) interposed between the accumulator (4) and the motor (2) and arranged so as to regulate the electric power supplied to the motor (2) and a generator (8) driven by an internal combustion engine (7), as well as a control circuit (6).

To make it possible to recharge the accumulator (4) under optimum conditions, the system (1) also has a second converter (9) arranged so as to regulate the power supplied by the generator (8) to the accumulator (4) and to the first converter (5).

Application to the drive of vehicles.

Figure 1