

ABSTRACT

The vehicle (1) comprises a driving wheel (2) driven by an electric motor (3) whose control circuit (4) is supplied by a generator (6) coupled to a fuel engine (5), and a sensor (18) supplying a power-setting control signal (SC) representative of the position of an accelerator pedal (17) and hence of the desired power that the electric motor (3) has to supply to the wheel (2).

To avoid having to provide the vehicle (1) with a large capacity traction battery, the vehicle further comprises means (7, 14 to 16, 19, 20) responsive to the power setting signal (SC) to regulate the rotational speed of the fuel engine (5) to the value at which the latter supplies a mechanical power (P_m) that is equal, firstly, to the desired power and, secondly, to a predetermined fraction of its maximum power.

Figure 1

This Sheet Has Been Replaced

