

ABSTRACT**AUTOMATED FUEL SUPPLY SYSTEM**

An automated fuel supply system has a fuel type/grade checking means (52) and a fill-up means (51), need not accept any help from an attendant, and comprises: a filler opening sensor (40) for receiving a signal issued from a transmitter provided in the vicinity of a filler opening of a fuel tank of a vehicle; a data input/output unit (13) for setting fuel supply data; and, a fuel supply unit (12). The unit (12) has a fuel supply control means (50). This control means (50) has a fuel type/grade checking means (52) and a fill-up means (51) for filling up the tank, and receives an insertion signal issued from an insertion sensor (36) to actuate the checking means (52). The insertion sensor (36) is in a front end of a fuel delivery pipe (33). When the checking means (52) determines that the tank contains the same fuel as that identified by the fuel supply data, the fill-up means (51) is actuated to fill up the tank. Then, the control means (50) stops delivery of fuel to the tank when a fill-up of the tank is detected by the fill-up means (51).

Fig. 6