ABSTRACT OF THE DISCLOSURE

A shared vehicle system includes a central facility, at least one vehicle distribution port facility and a plurality or fleet of vehicles, each having a vehicle subsystem. In general, the central station and port facility and the vehicle subsystems communicate in a manner to allow a user to enter information at a port facility. That information is then communicated to the central facility, where the information is processed to select a vehicle from the fleet to allocate to the user at the port facility. Selection of a vehicle for allocation to a user may be based on selecting an available or soon to be available vehicle according to various algorithms that take into account the vehicles state of charge. The central station also communicates with the port facility and the vehicle subsystem to notify the user of the selected vehicle, to provide secure user access to the selected vehicle, to monitor the location and operating status of vehicles in the fleet, to monitor the state of charge of electric vehicles and to provide other functions. The vehicles communicate with the central station to notify the central station of the PIN number of the individual attempting to use the vehicle, and of vehicle parameters such as state of charge and location of the vehicle.

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