

ELECTRIC VEHICLE USERS NETWORK SYSTEM

ABSTRACT

An electric vehicle (EV) user network system (100) having a dedicated server (110) and a cloud server (120) for connecting EV owners and users, EV charging stations and EV charging networks, and EV related businesses, comprising an EV Power Grid of charging stations and charging network (20); a One-Stop Shop connecting all EV related businesses in the network (40); a technical support & services network (70), and an Account for each user (50) connecting the user to the EV Power Grid, One Stop Shop and the technical support & services network; all the users and EV related businesses connected and communicating with each other in a community network for dissemination and education of EVs and EV related matters (60).

The EV user through an User Account is connected to the EV Power Grid, the One-Stop Shop (40), EV related businesses, technical support & services network and other users in the network through the community network (60), in real-time. The EV User is able to have real-time access using a mobile phone or personal computer or the like to obtain goods and services with EV related service providers and businesses. Each User draws down points for usage of services in a subscription base model. Services include charging of EV and purchase of goods and services from EV related businesses and provision of technical support and other services provided by the EV user network (100).

A method of using the user network and system to select a charging station is also proposed. A Mobile Application using the method and system is also proposed.

Fig 1