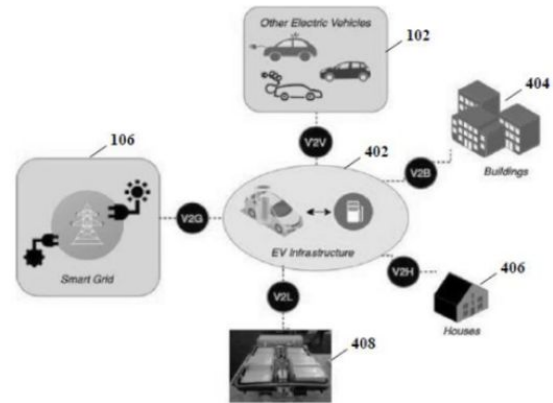


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## A power sharing system and method thereof



## NEED

As electric vehicle (EV) adoption rises, managing charging and discharging across stations becomes crucial. This power sharing system enables efficient energy flow, optimizing charging, discharging, and forecasting power usage.

## MARKET ANALYSIS

The global electric vehicle market is projected to grow at a CAGR of 23.1% from 2023 to 2033, driven by increasing demand for sustainable transportation solutions and advancements in EV infrastructure. (Source: Statista, 2023)

## TECHNOLOGY OVERVIEW

The system uses real-time location and data aggregation for electric vehicles (EVs) and charging stations. With an AI engine, it optimizes power sharing, forecasts charging costs, and ensures efficient battery use while monitoring load demand and pricing.

## Target Industries

1) EV infrastructure developers; 2) Energy management platforms; 3) Charging station operators and service providers.

## TECHNOLOGY KEY FEATURES

Real-time data aggregation; AI-driven power sharing; dynamic cost calculation; route optimization; load demand-based charging and discharging; forecasting power usage and pricing.

## AT A GLANCE

- SDG 7 (Affordable and Clean Energy), SDG 9 (Industry, Innovation, and Infrastructure)

[Read more here](#)

Technology is available for licensing/ co-development.

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