

# CONVERSION OF TRADITIONAL VEHICLES TO ELECTRIC ONES

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The invention refers to an integrated system composed of all powertrain components required to transform an internal combustion vehicle into an electric vehicle. This system is easy to install by authorized car mechanics and garages.

**Protection:** Europe.

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## INVENTION

The electric vehicles sector is in early stages of market development with modest manufacturing volumes and cyclical production trends. However, there is an increasing growth in the demand of electrical cars, driven strongly by both consumer and policy-related factors. In this context, innovation in automotive components, specifically retro-fitted parts, that **convert traditional vehicles to electric-powered vehicles** has significant market potential. In response, the invention is composed of all powertrain components which are mechanically, electrically and functionally integrated. The entire integrated system is easy to install by authorized mechanics and repair shops.

## ADVANTAGES

- Low cost system;
- Easy to install;
- Increased perception of comfort and ease of driving;
- Reduced carbon footprint and increased environmental sustainability;
- Reduced vehicle weight;
- Reduced energy consumption of air-conditioning system.

## APPLICATIONS

Development of technologies complementary to traditional moto-vehicular industry. Currently, there are no registered technologies for the conversion of traditional-to-electric engines.

## CONTACTS

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