

A combined system for cooling a high voltage battery and recharging a low voltage service battery on board of an electric or hybrid vehicle

Electric



CAR COMP.
BODYWORK



Low voltage services

Cooling

Combined system

Battery management system

Recharging

Innovations/advantages

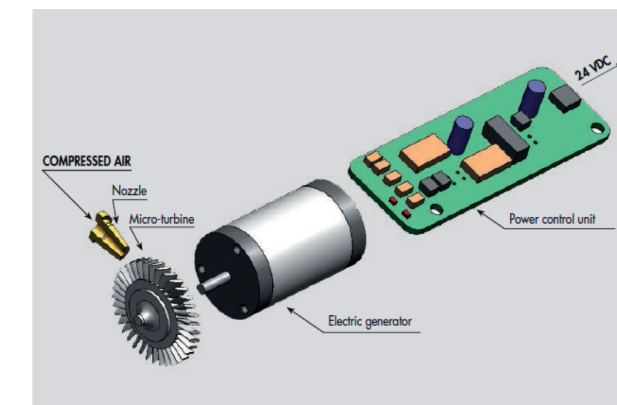
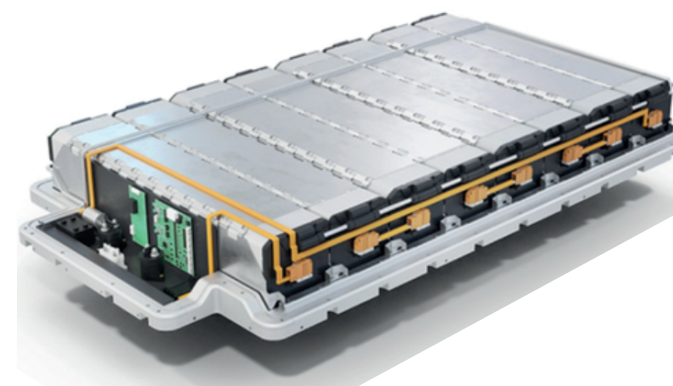
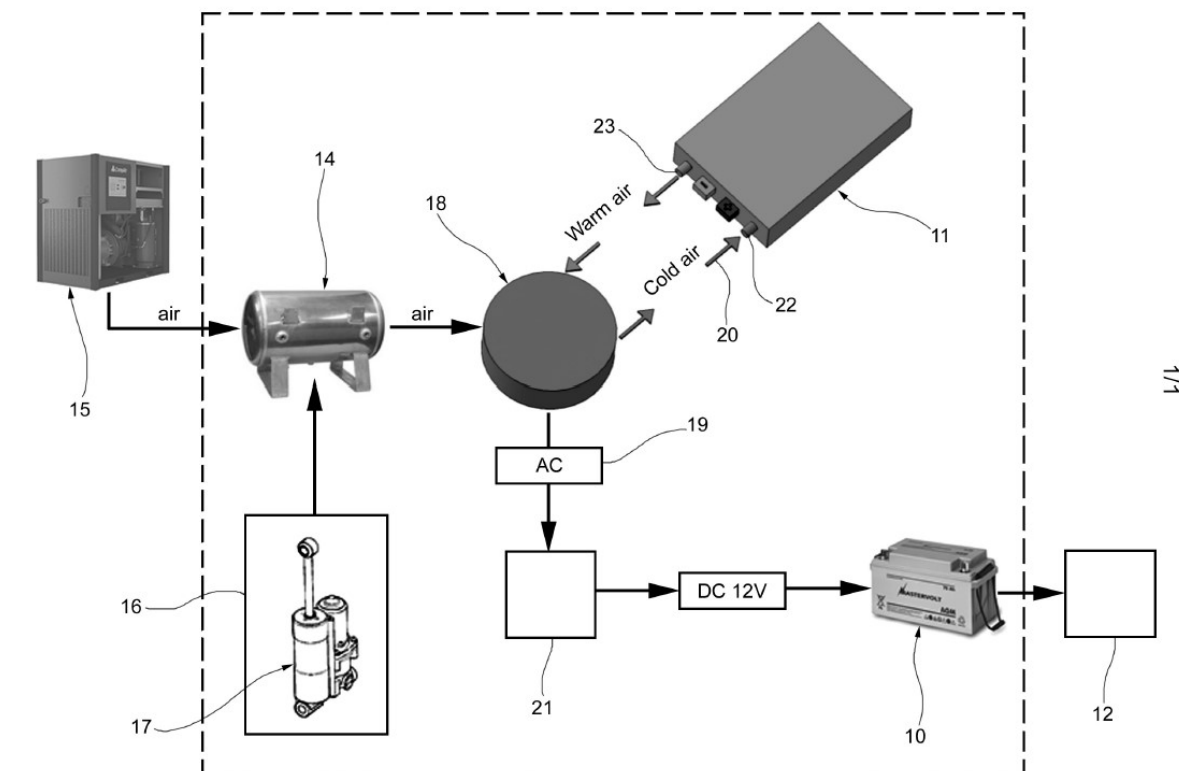
Charging low voltage service batteries (12/24 Volt);
Cooling of electric vehicle power batteries;
Combined system incorporated in electric or hybrid vehicles;
Accessory subsystem for energy generation using compressed air turbines.

Application field

Vehicles engineering

Product insight

Italdesign has been operating in the electric vehicle sector for many years, so much so that it has created a system, as an add-on to the traditional main charging system with alternator, for charging low voltage service batteries and cooling high voltage batteries in electric or hybrid vehicles. The system is based on the principle of heat exchange, using the energy generated by compressed air turbines.



Patent Information

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National patent filings



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