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## DEVICE FOR THE TECHNICAL ADAPTATION OF A VEHICLE TO A PROPERTY AND CORRESPONDINGLY OPPOSITE WITH REGARD TO HEALTH

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## DEVICE FOR THE TECHNICAL ADAPTATION OF A VEHICLE TO A PROPERTY AND CORRESPONDINGLY OPPOSITE WITH REGARD TO HEALTH

### **Today's status**

Today's vehicles are intended for the transport of people and material and stand in front of a property before and after use. A corresponding patent has already been granted for this (EP 3 820 732 B1). In this patent, the customer's health aspect was not considered.

The technical design has not yet been defined.

### **New idea**

The core of the idea is the technical adaptation of the vehicle and/or the technical adaptation of the property, so that both areas can be optimally and seamlessly coordinated and used together for the health aspect of the customer.

### **Technical adaptations in the vehicle:**

- Intelligent tablet box in the vehicle: The tablet box takes into account whether tablets have already been taken at home or coordinates the intake according to the driving destinations.
- Intelligent seat settings are transferred to the vehicle: The seat settings correspond to the orthopaedic specifications/preferences, e.g. regarding seat positions, massage, heat/ventilation function, which are also used/preferred in the home environment.
- Intelligent scenting: Should it be transmitted from the SmartHome information that the driver requires a certain scenting due to health circumstances (e.g. camomile, mint, etc.), the SmartHome will also take this into account.
- Intelligent air conditioning: According to the room climate in different rooms of the property (e.g. bedroom, study,...), the air conditioning can be adjusted according to the use case that is carried out in the vehicle (e.g. working in the car, sleeping in the car).

### **Technical adaptation property:**

- Intelligent tablet box in the house - the tablet box knows the tablets taken or administered on the way and reminds accordingly to take them; in addition to taking regular medication, special attention can be drawn to medication that could be relevant due to the previous car journey (e.g. medication against motion sickness).
- Intelligent seat settings are transferred from the vehicle to the property: The seat settings correspond to the orthopaedic specifications/preferences from the vehicle, e.g. regarding seat positions, massage, heat/ventilation function, if these functions are available in the property.
- An intelligent algorithm can also transfer from the settings selected in the vehicle to functions available in the home, e.g. the room temperature, fireplace activation, waterbed temperature setting could be inferred from the seat heating setting.

This data exchange can also be carried out for several properties (home, hospital) and several vehicles (private car, ambulance) in a network.

### **Advantage**

With this automatic connection, the customer can use both areas optimally for his health and physical well-being. This automatically creates an extension of his property or his vehicle interior for the customer.

### **Technical implementation**

Connection of property and vehicle with regard to the customer's health and comfort settings. Data is exchanged between the vehicle and the home (or other connected property) via various intelligent devices and a SmartHome connection. Algorithms interpret the respective data and transfer them to actuators available in the vehicle.