

System for adjusting the position of a car seat

Ergonomics



CAR COMP. BODYWORK

UX/HMI

KEYWORDS

- ▶ Seats
- ▶ Geographical positioning
- ▶ Memory
- ▶ Road type
- ▶ On the move
- ▶ Comfort
- ▶ Navigation route

Innovations/advantages

Once the seat position preferences have been saved according to the type of road or driving conditions, these will be proposed based on the geographical position of the vehicle or its performance without further action by the user; Automatic seat adjustment for mountain, sea and/or city roads.

Application field

OEMs;
Suppliers.



Product insight

- *The new Italdesign patent combines ergonomics, comfort and safety in a system for adjusting the driver's seat position without manual intervention. Once the position preferences have been saved, the system combines variables such as geographical location, for example, distinguishing between leaving a built-up area and entering a section of motorway, but also driving performance and commands given by the driver, to propose the appropriate driving configuration. An acoustic or visual indicator on the control panel notifies the occupant. The driver and passenger can adjust the seat position by simple consent, without having to adjust it with manoeuvres that can be distracting while driving or that would require a stop.*

Patent Information

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National patent filings

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