REMOVABLE HARD-TOP FOR MOTOR VEHICLE AND MOTOR VEHICLE COMPRISING THE SAME

Car comp. Bodywork

SAFETY



Hard-Top Locking Targa Unlocking

> Electrochromic glass Transportation **Never Lost**

Display Duerta

Acoustic diffuser

Positive/Negative pole

Innovations/advantages

Electrical pins

Vehicle roof

The removable roof incorporates an electric motor, which is operatively connected to the lock mechanisms in order to move them between the respective unlocked and locked configurations; automatic locking of the electric locks, activated when both selectors are pressed simultaneously, reducing the risk of unwanted unlocking;

Some customizable options for the roof include: Electrochromic glass: Adjustable to various transparency levels to adapt to external lighting conditions, offering maximum visual comfort. Acoustic diffuser: Integrates a high-quality audio system for a superior sound experience inside the vehicle.

Ambient lighting: The integration of courtesy or ambient lights, even applied to the windows, creates a welcoming and refined atmosphere. Mobile device charging system: A built-in charger for mobile phones or other portable devices ensures convenient power access while on the road. Electronic display: A customizable electronic display adds a modern touch, offering useful information or entertainment options for passengers.

Application field

OEMs;

Vehicles engineering.

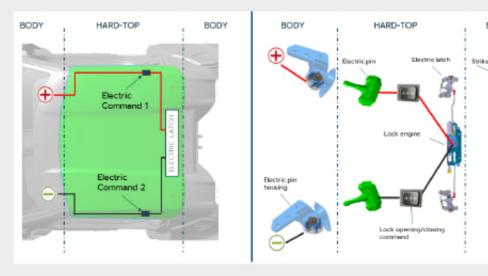
Ambient lighting

Product insight

This innovative invention concerns a removable hard-top for vehicles, designed to be easily installed and removed.

The electrical connectors not only securely attach the roof to the vehicle's frame but also ensure an efficient link between the positive and negative terminals of the battery, using highly conductive materials.

During operation, the roof not only protects the occupants from the weather and external noise but also uses the vehicle's battery to power the electronic components, providing comfort and cutting-edge technology in a functional and innovative design.









PATENT INFORMATION

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