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FUSE COMFORT KEY

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FUSE COMFORT KEY

Technical task:

The object of the technical innovation is to make the transmitting function of comfort keys switchable.

Initial situation:

In the case of current comfort keys for keyless access systems („keyless go“, „KESY“ ...), unauthorized persons have the possibility to gain access to the vehicle via signal extension and to start it. This makes it easy for appropriately equipped and experienced persons to steal the vehicles without mechanical force. There is high damage to owners and insurance companies.

Solution:

The technical innovation is to be able to switch off the transmission activity of the comfort key. As a result, it is no longer necessary to store it, for example, in metal containers. The unauthorized access to the vehicle by means of signal lengthening is thus effectively prevented.

The technical implementation can be carried out in a basic version as a simple mechanical sliding switch, and in a higher-quality version, a fingerprint sensor, as known from smartphones, could take over this task. This would result in a clear gain in comfort for the user.

Advantages:

- Vehicle theft is significantly more difficult.
- Extend the battery life of the key.
- In version with fingerprint sensor comfort gain for the user.

Possible application:

- All vehicles with wireless access system.

Technical innovation

