

Title (en)

METHOD FOR ACTIVATING A MOTOR VEHICLE LOCK SYSTEM USING A MOBILE COMMUNICATION DEVICE

Title (de)

VERFAHREN ZUM BETÄTIGEN EINES KRAFTFAHRZEUG-SCHLIESSSYSTEMS UNTER VERWENDUNG EINES MOBILEN KOMMUNIKATIONSGERÄTES

Title (fr)

PROCÉDÉ SERVANT À ACTIONNER UN SYSTÈME DE FERMETURE D'UN VÉHICULE AUTOMOBILE EN UTILISANT UN APPAREIL DE COMMUNICATION MOBILE

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Application

EP 11856452 A 20111129

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Abstract (en)

[origin: WO2012097787A2] The invention relates to a method for activating a motor vehicle lock system using a mobile communication device (4), wherein: a) as a result of a user input, with which a user indicates a wish to trigger a function of the lock system to the communication device (4), a wake-up signal (7) in the low frequency range is emitted by the communication device (4), which wake-up signal (7) is received by an ID signal generator (3) of the motor vehicle (1) which is located in the vicinity and triggers a wake-up routine in said ID signal generator (3), b) a first RF radio communication (8) is carried out between the communication device (4) and the ID signal generator (3), in which RF radio communication (8) the communication device transmits to the ID signal generator the request to trigger the function of the lock system, c) the ID signal generator (3) initiates and carries out a second RF radio communication (9) with a motor-vehicle-side control unit (2), in which RF radio communication (9) identification codes and signals for triggering the function of the lock system are transmitted to the control unit (2), and d) the execution of the function of the lock system is controlled by the control unit (2).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2012097787A2

Citation (examination)

- EP 0913979 A2 19990506 - BOSCH GMBH ROBERT [DE]
- US 2006211410 A1 20060921 - DENIAU JEAN-CHRISTOPHE [US], et al

Cited by

US10440576B1

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