

Title (en)  
ACCESS CONTROL SYSTEM FOR A MOTOR VEHICLE

Title (de)  
ZUGANGSKONTROLLSYSTEM FÜR EIN KRAFTFAHRZEUG

Title (fr)  
SYSTEME DE CONTROLE D'ACCES POUR UN VEHICULE AUTOMOBILE

Publication  
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Application  
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Priority

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Abstract (en)  
[origin: WO2007006245A1] The invention relates to an access control device for a motor vehicle. Said device is composed of at least one transmitter unit arranged in the motor vehicle and at least one receiver unit, which units are controlled by means of at least one microcomputer unit. The receiver unit is used to receive UHF signals and the transmitter unit to transmit low frequency long wave signals. Furthermore, a closing unit is provided which is actuated by means of the microcomputer unit and when a matching code is present the closing device releases the access to the motor vehicle. The transmitter unit has two coupled LC bandpass filters, the first bandpass filter comprising, as a pre-filter, a first coil and a first capacitor group composed of at least one capacitor, and the second bandpass filter comprising the LF-antenna as an inductor and a second capacitor group composed of at least one capacitor. A multiplexer by means of which the antennas are successively connected to the transmitter unit using a multiplex method is provided between the first and second bandpass filters.

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WO 2006060974 A1 20060615 - CONTI TEMIC MICROELECTRONIC [DE], et al

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