

Title (en)

LOW FREQUENCY RADIO TRANSMISSION DEVICE FOR MOTOR VEHICLE PASSIVE ENTRY SYSTEM

Title (de)

NIEDERFREQUENZ-FUNKÜBERTRAGUNGSEINRICHTUNG FÜR EINE FAHRZEUGALARMANLAGE

Title (fr)

DISPOSITIF D EMISSION RADIOELECTRIQUE BASSE FREQUENCE POUR SYSTEME D'ACCES MAINS LIBRES POUR VEHICULE AUTOMOBILE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004001897A1] The invention concerns a radio transmission device comprising a driving circuit (GEN) which generates a driver signal (SC) of a series LC antenna (EA), suitable for radio transmission of a query signal in a passive entry system for motor vehicles. In order to increase the internal resistance of the driving circuit without affecting the value of the drive current, the circuit comprises a sinusoidal or quasi-sinusoidal current generator (600), delivering the driver signal in the form of a current control signal, thus attenuating variations in the range of the interface zone of the system by reducing the quality factor of the device.

IPC 8 full level

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