

Title (en)

INDUCTION COIL, IN PARTICULAR FOR A VEHICLE DOOR LOCKING SYSTEM

Title (de)

INDUKTIONSSPULE, INSBESONDERE FÜR EIN FAHRZEUGTÜR-SCHLIESSSYSTEM

Title (fr)

BOBINE D'INDUCTANCE DESTINEE NOTAMMENT AU SYSTEME DE FERMETURE D'UNE PORTIERE DE VEHICULE

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Application

EP 03701427 A 20030217

Priority

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Abstract (en)

[origin: WO03071068A1] The invention relates to an electronic control circuit for a motor car-door locking system. Said circuit comprises: a control unit (20) with an induction coil (3) for relaying a data request to an external contactless data carrier and for triggering the unlocking of the motor car-door locking system, if a valid response has been received from the data carrier; a proximity sensor comprising at least one proximity electrode (5) for triggering the relaying of the data request, if a person approaches the proximity sensor. The induction coil (3) comprises a ferrite core (35) and a wire (33) that is wound around said core and is housed in a cavity (72) of a handle (7) of the motor car-door locking system. At least one part (31) of the wire winding is connected mechanically to the surface of the ferrite core, in such a way that the coil can be further processed as an SMD component.

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IPC 8 full level

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Citation (search report)

See references of WO 03071068A1

Citation (examination)

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