Title (en)

REMOTE-CONTROLLED DOOR LOCKING SYSTEM FOR AUTOMOTIVE VEHICLE

Publication

EP 0153498 A3 19880406 (DE)

Application

EP 84116364 A 19841227

Priority

DE 3407736 A 19840302

Abstract (en)

[origin: EP0153498A2] In the door-locking system there is a small transmitter which can be transported and actuated by the driver and which emits electromagnetic radiation. In the motor vehicle there is at least one receiver which receives the electromagnetic radiation and which triggers the actuation of the door lock. The small transmitter comprises a memory (diode matrix 3) for a code and a modulator (encoder 1, flank modulator 9, transmission stage 16) for modulating the electromagnetic radiation by means of the code. In the receiver there are a reception part receiving the modulated radiation, a demodulator (monostable multivibrator 20, D-flip-flop 21) and a comparator (28) comparing the demodulated code with a code stored in a code memory. An actuator (31) for the lock is connected operatively to the comparator. The transmitter contains the modulator for modulating the radiation with a pulse-code/pulse-position modulation (PCM/PPM). Corresponding to this in the receiver is a demodulator for demodulating the PCM/PPM-modulated radiation. <IMAGE>

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E05B 49/00

IPC 8 full level

G07C 9/00 (2006.01)

CPC (source: EP)

G07C 9/00182 (2013.01); G07C 2009/00785 (2013.01)

Citation (search report)

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- [Y] ELEKTRONIK PRAXIS, Band 15, Nr. 7, Juli 1980, Seiten 26-28, Vogel-Verlag, Würzburg, DE; B. NOVOTNY: "TEA 1009 - ein integrierter Infrarot-Vorverstärker"

Cited by

US4845505A; EP0214745A1; US5508687A

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