

Title (en)
VEHICLE SECURITY SYSTEM

Title (de)
FAHRZEUGSICHERUNGSSYSTEM

Title (fr)
SYSTEME DE SECURITE POUR VEHICULE

Publication
EP 1573683 A1 20050914 (DE)

Application
EP 03778313 A 20031111

Priority
• DE 10259590 A 20021219
• EP 0312575 W 20031111

Abstract (en)
[origin: WO2004057542A1] The invention relates to a vehicle security system provided in the form of a Keyless Go System and to an operating method therefor. In this vehicle security system, an erroneous detection of the location of an authentication element (1) inside or outside the vehicle, said detection being carried out by authentication element localization means (21) in an onboard access control part, as a result of at least one interfering transmitter (10), which is located in the vicinity of the vehicle and/or of the authentication element (1), is prevented by using a device for carrying out null measurement (9) in the authentication element (1). To this end, the device for carrying out null measurement (9) performs a measurement in time intervals during which the onboard access control part (2) does not emit any pulses to the authentication element (1), and the interference level created by the at least one interfering transmitter (10) is determined on the basis of this measurement. Depending on whether this determined interference level exceeds or falls short of a predetermined threshold value, either the device for carrying out null measurement (9) transmits an adapted threshold value for a decision as to whether an authentication element (1) is located in the vehicle or outside the vehicle to the onboard access control part (2) or subsequent pulses from the onboard access control part (2) are not responded to.

IPC 1-7
G07C 9/00

IPC 8 full level
B60R 25/24 (2013.01); **G07C 9/00** (2006.01)

CPC (source: EP US)
B60R 25/24 (2013.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **G07C 2009/00373** (2013.01 - EP US); **G07C 2009/00793** (2013.01 - EP US); **G07C 2209/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2004057542A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 10259590 A1 20040701; EP 1573683 A1 20050914; JP 2006510828 A 20060330; US 2006176147 A1 20060810; WO 2004057542 A1 20040708

DOCDB simple family (application)
DE 10259590 A 20021219; EP 0312575 W 20031111; EP 03778313 A 20031111; JP 2004561158 A 20031111; US 53959603 A 20031111