

Title (en)
METHOD AND VEHICLE-TO-X COMMUNICATION SYSTEM FOR SELECTIVELY CHECKING DATA SECURITY SEQUENCES OF RECEIVED VEHICLE-TO-X MESSAGES

Title (de)
VERFAHREN UND FAHRZEUG-ZU-X-KOMMUNIKATIONSSYSTEM ZUR SELEKTIVEN PRÜFUNG VON DATENSICHERHEITSSSEQUENZEN EMPFANGENER FAHRZEUG-ZU-X-BOTSCHAFTEN

Title (fr)
PROCÉDÉ ET SYSTÈME DE COMMUNICATION DE VÉHICULE À X POUR LA VÉRIFICATION SÉLECTIVE DE SÉQUENCES DE SÉCURITÉ DE DONNÉES DE MESSAGES DE VÉHICULE À X REÇUS

Publication
EP 2692116 A1 20140205 (DE)

Application
EP 12717063 A 20120328

Priority

- DE 102011006305 A 20110329
- DE 102012204880 A 20120327
- EP 2012055523 W 20120328

Abstract (en)
[origin: WO2012130888A1] The invention relates to a method for selectively checking data security sequences of received vehicle-to-x messages. In an operating cycle of a vehicle-to-x communication system, a number of vehicle-to-x messages are received and/or sent, wherein a vehicle-to-x message comprises a data security sequence. Furthermore, a reliability evaluation of the received vehicle-to-x message is performed in the operating cycle by means of a check of the data security sequence, and information content of the received vehicle-to-x message is read out in the operating cycle without a prior check of the data security sequence. The method is characterized in that in the operating cycle a subset of the number of received vehicle-to-x messages is selected according to the information contents and only the data security sequences of selected vehicle-to-x messages are checked. The invention further relates to a vehicle-to-x communication system for selectively checking data security sequences of received vehicle-to-x messages and to the use thereof.

IPC 8 full level
H04L 29/08 (2006.01)

CPC (source: EP KR US)
G06F 21/33 (2013.01 - EP US); **G06F 21/606** (2013.01 - EP US); **G08G 1/163** (2013.01 - EP US); **H04L 9/3271** (2013.01 - EP US); **H04L 63/123** (2013.01 - EP US); **H04L 65/40** (2013.01 - KR); **H04L 65/4061** (2013.01 - EP US); **H04L 67/12** (2013.01 - EP US); **H04W 4/44** (2018.01 - US); **H04W 12/106** (2021.01 - EP US); **H04L 2209/84** (2013.01 - EP US)

Citation (search report)
See references of WO 2012130888A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102012204880 A1 20121004; **DE 102012204880 B4 20190814**; CN 103563337 A 20140205; CN 103563337 B 20171117; EP 2692116 A1 20140205; KR 20140025419 A 20140304; US 2014020098 A1 20140116; US 9531737 B2 20161227; WO 2012130888 A1 20121004

DOCDB simple family (application)
DE 102012204880 A 20120327; CN 201280026198 A 20120328; EP 12717063 A 20120328; EP 2012055523 W 20120328; KR 20137028468 A 20120328; US 201214008268 A 20120328