Title (en)

METHOD FOR VERIFYING SOFTWARE SECURITY OF ELECTRONIC DEVICE(S) IN VEHICLE AND RELATED DEVICE

Title (de)

VERFAHREN ZUR ÜBERPRÜFUNG DER SOFTWARESICHERHEIT EINER ELEKTRONISCHEN VORRICHTUNG IN EINEM FAHRZEUG UND ZUGEHÖRIGE VORRICHTUNG

Title (fr)

PROCÉDÉ DE VÉRIFICATION DE SÉCURITÉ LOGICIELLE DE DISPOSITIF(S) ÉLECTRONIQUE(S) DANS UN VÉHICULE, ET DISPOSITIF ASSOCIÉ

Publication

EP 4211588 A1 20230719 (EN)

Application

EP 20955755 A 20200930

Priority

CN 2020119574 W 20200930

Abstract (en)

[origin: WO2022067731A1] A method for verifying software security of electronic device (s) in a vehicle and related device. The method comprises obtaining N first verification parameters (1501); determining, according to the N first verification parameter, a first verification parameter corresponding to a first node, wherein the first node being a parent node of the N electronic devices (1502); obtaining a first reference parameter corresponding to the first node from a trusted device (1503); verifying, according to the first verification parameter corresponding to the first node and the first reference parameter corresponding to the first node, software security of the N electronic devices (1504). The technical solution may ensure integrity and authenticity of the software running on electronic devices of the vehicle.

IPC 8 full level

G06F 21/78 (2013.01)

CPC (source: CN EP)

G06F 8/65 (2013.01 - EP); **G06F 21/562** (2013.01 - CN); **G06F 21/565** (2013.01 - CN); **G06F 21/57** (2013.01 - EP); G06F 8/71 (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022067731 A1 20220407; CN 112740210 A 20210430; CN 112740210 B 20220211; EP 4211588 A1 20230719; EP 4211588 A4 20231025; JP 2023543476 A 20231016

DOCDB simple family (application)

CN 2020119574 W 20200930; CN 202080005100 A 20200930; EP 20955755 A 20200930; JP 2023519759 A 20200930