

Title (en)

METHOD, DEVICES AND COMPUTER PROGRAM FOR DISTRIBUTING CERTIFICATES TO ELECTRONIC PARTS

Title (de)

VERFAHREN, VORRICHTUNGEN UND COMPUTERPROGRAMM FÜR DIE VERTEILUNG VON ZERTIFIKATEN AUF ELEKTRONISCHE BAUTEILE

Title (fr)

PROCÉDÉ, DISPOSITIFS ET PROGRAMME INFORMATIQUE POUR DISTRIBUER DES CERTIFICATS À DES PARTIES ÉLECTRONIQUES

Publication

EP 4097946 A1 20221207 (DE)

Application

EP 21711753 A 20210226

Priority

- DE 102020203915 A 20200326
- EP 2021054771 W 20210226

Abstract (en)

[origin: WO2021190853A1] In one embodiment, the method is used for distributing certificates to at least one electronic part (1) and involves the steps of: A) providing the part (1), said part (1) comprising an identifier (12) and a root certificate (14) by a distributor (10) of the part (1); B) generating a certificate list file (2) that comprises the identifier (12) and a plurality of customer certificates (24) of a user (20) of the part (1); C) signing the certificate list file (2) with a distributor (10) certificate (29), resulting in a signed certificate file (3); D) loading the signed certificate file (3) onto the part (1); and E) having the user (20) start up the part (1), wherein the signed certificate file (3) is verified by the part (1) on the basis of the root certificate (14) by the distributor (10).

IPC 8 full level

G06F 21/10 (2013.01); **G06F 21/33** (2013.01); **G06F 21/44** (2013.01); **G06F 21/73** (2013.01); **H04L 9/32** (2006.01); **H04W 12/069** (2021.01)

CPC (source: EP)

G06F 21/33 (2013.01); **G06F 21/44** (2013.01); **H04L 9/3265** (2013.01); **H04L 63/0823** (2013.01); **H04W 12/069** (2021.01); **H04L 67/12** (2013.01); **H04L 2463/101** (2013.01); **H04W 4/42** (2018.01)

Citation (search report)

See references of WO 2021190853A1

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)

DE 102020203915 A1 20210930; EP 4097946 A1 20221207; WO 2021190853 A1 20210930

DOCDB simple family (application)

DE 102020203915 A 20200326; EP 2021054771 W 20210226; EP 21711753 A 20210226