

Title (en)
METHOD FOR IMPLEMENTING AND USING CRYPTOGRAPHIC MATERIAL IN AT LEAST ONE SYSTEM COMPONENT OF AN INFORMATION TECHNOLOGY SYSTEM

Title (de)
VERFAHREN ZUR IMPLEMENTIERUNG UND NUTZUNG VON KRYPTOGRAFISCHEM MATERIAL IN WENIGSTENS EINER SYSTEMKOMPONENTE EINES INFORMATIONSTECHNISCHEN SYSTEMS

Title (fr)
PROCÉDÉ DE MISE EN OEUVRE ET D'UTILISATION D'UN MATÉRIAU CRYPTOGRAPHIQUE DANS AU MOINS UN COMPOSANT SYSTÈME D'UN SYSTÈME DE TECHNOLOGIE D'INFORMATIONS

Publication
EP 4205005 A1 20230705 (DE)

Application
EP 22761462 A 20220802

Priority
• DE 102021004427 A 20210831
• EP 2022071725 W 20220802

Abstract (en)
[origin: WO2023030811A1] The invention relates to a method for implementing and using cryptographic material (KM) in at least one system component (SK) of an information technology system (IT-S) for performing at least one operation, wherein a state of the system component (SK) as described by at least one variable (VAR) is checked at least at a first time, the cryptographic material (KM) is supplemented with additional data, wherein the additional data describe possible states of system components (SK), and the cryptographic material (KM) is used by the system component (SK) when the additional data of the cryptographic material (KM) comprise at least the state that the system component (SK) has at the first time. The method according to the invention is characterized in that the additional data are formed by at least one condition (BED, BEDKM*, BEDKM Prov, BEDKM Type(skid), BEDKM Type(skid), Prov), at least one role (ROLEKM*) and/or at least one target component identity (ZKIDENTKM).

IPC 8 full level
G06F 21/60 (2013.01); **H04L 9/08** (2006.01)

CPC (source: EP KR)
G06F 21/602 (2013.01 - EP KR); **H04L 9/0877** (2013.01 - EP KR); **H04L 9/0897** (2013.01 - EP KR)

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 102021004427 A1 20230302; DE 102021004427 B4 20240529; CN 117882072 A 20240412; EP 4205005 A1 20230705; EP 4297332 A2 20231227; EP 4297332 A3 20240313; EP 4297333 A2 20231227; EP 4297333 A3 20240327; EP 4297334 A2 20231227; EP 4297334 A3 20240327; EP 4297335 A2 20231227; EP 4297335 A3 20240327; KR 20240038749 A 20240325; WO 2023030811 A1 20230309

DOCDB simple family (application)
DE 102021004427 A 20210831; CN 202280058772 A 20220802; EP 2022071725 W 20220802; EP 22761462 A 20220802; EP 23209295 A 20220802; EP 23209296 A 20220802; EP 23209297 A 20220802; EP 23209298 A 20220802; KR 20247005673 A 20220802