Title (en)

DATA MANAGEMENT SYSTEM IMPLEMENTED IN A MOBILE DEVICE

Title (de)

IN EINER MOBILEN VORRICHTUNG IMPLEMENTIERTES DATENVERWALTUNGSSYSTEM

Title (fr)

SYSTÈME DE GESTION DE DONNÉES MIS EN OEUVRE DANS UN DISPOSITIF MOBILE

Publication

EP 4327223 A1 20240228 (EN)

Application

EP 22723411 A 20220419

Priority

- DE 102021109949 A 20210420
- EP 2022060247 W 20220419

Abstract (en)

[origin: WO2022223520A1] Aspects of the disclosure regard a data management system (100) and method for storing confidential data implemented in a mobile device (1), the system comprising: a trusted environment (2) comprising a master key (KMK) created in and bound to the trusted environment (2); at least one service provider software application (4); and a first software application (3) configured to communicate with the at least one service provider software application (4) to receive confidential data from the service provider software application (4) that is to be stored; wherein the first software application (3) is further configured to communicate with the trusted environment (2) for encryption of the received confidential data in the trusted environment (2); wherein the trusted environment (2) is configured to encrypt by means of the master key (KMK) the confidential data received by the first software application, wherein the data management system (100) is configured that the encrypted confidential data (EMK(data)) is stored either in the trusted environment or through the first software application (3) in a database (38) or other data storage. Further aspects of the disclosure regard a data management system (100) and method for verification of a digital message.

IPC 8 full level

G06F 21/74 (2013.01); **G06F 21/78** (2013.01); **H04W 12/30** (2021.01); **H04W 12/48** (2021.01); **H04W 12/71** (2021.01); **H04W 12/72** (2021.01)

CPC (source: EP)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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