Title (en)
METHOD AND SYSTEM FOR CONFIDENTIALLY PROVIDING SOFTWARE COMPONENTS

Title (de)
VERFAHREN UND SYSTEM ZUM VERTRAULICHEN BEREITSTELLEN VON SOFTWAREKOMPONENTEN

Title (fr)
PROCÉDÉ ET SYSTÈME PERMETTANT LA FOURNITURE DE COMPOSANTS LOGICIELS EN TOUTE CONFIDENTIALITÉ

Publication
**EP 2499594 A1 20120919 (DE)**

Application
**EP 10773595 A 20101014**

Priority
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Abstract (en)
[origin: WO2011054643A1] The invention relates to a method and system (1) for confidentially providing a software component (SWK). The software component (SWK) is encrypted by means of a secret cryptographic OEM key (KOEM) of a software component manufacturer (OEM), and the OEM key (KOEM) is then encrypted by means of a first cryptographic system key (Ksys1). The encrypted software component (ENC-SWK) and the encrypted OEM key (ENC-K-OEM) are transported by the software component manufacturer (OEM) to a destination system device (3). After decrypting the transported encrypted OEM key (ENC-K-OEM) by means of a second cryptographic system key (Ksys2), the transported encrypted software component (ENC-SWK) is decrypted by means of the decrypted OEM key (KOEM), wherein the decrypted software component (SWK) is provided for execution on the destination system device (3). The method can be used to protect source codes or object codes of a developed software component from access by a third party and still allows for processing using standard tools.

IPC 8 full level
**G06F 21/10** (2013.01)

CPC (source: EP US)
**G06F 21/10** (2013.01 - EP US); H04L 9/3247 (2013.01 - US); H04L 2209/60 (2013.01 - US)

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