

Title (en)

SYSTEM AND METHOD FOR SECURING A USER INTERFACE

Title (de)

SYSTEM UND VERFAHREN ZUM SICHERN EINER BENUTZEROBERFLÄCHE

Title (fr)

SYSTEME ET PROCEDE POUR LA SECURISATION D'UNE INTERFACE UTILISATEUR

Publication

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Application

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Abstract (en)

[origin: WO2010010258A2] The invention relates to a method for securing a user interface that comprises a user interface including one or more peripheral hardware devices of the user interface for interaction with said interface, said peripheral hardware devices being driven by driver software, and one or more applications using the user interface. The invention also relates to a method for securing such an interface. The system of the invention is characterised in that the same further comprises a hypervisor and one or more virtual machines, the drivers of the peripheral hardware devices of the user interface being divided into two portions, i.e. a main portion of said drivers under the control of the hypervisor and a front-end portion of said drivers under the control of the virtual machines, wherein the front-end portion of the securing software component is in charge of managing the front-end portion of the drivers and the main portion of the securing software component is in charge of managing the main portion of the drivers. The invention can particularly be used in onboard systems.

IPC 8 full level

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