

Title (en)

ELECTRONIC SYSTEM AND METHODS FOR DYNAMIC ACTIVATION OF COUNTERMEASURES

Title (de)

ELEKTRONISCHES SYSTEM UND VERFAHREN ZUR DYNAMISCHEN AKTIVIERUNG VON GEGENMASSNAHMEN

Title (fr)

SYSTÈME ÉLECTRONIQUE ET PROCÉDÉS D'ACTIVATION DYNAMIQUE DE CONTRE-MESURES

Publication

EP 4078418 A1 20221026 (FR)

Application

EP 20848856 A 20201218

Priority

- EP 19306680 A 20191218
- FR 2020052559 W 20201218

Abstract (en)

[origin: EP3839779A1] The present invention relates to a method for configuring an electronic system for a secure execution of a code comprising a plurality of functions, said electronic system being configured for applying during an execution of a function a security countermeasure configuration among a plurality of security countermeasure configurations, said method being performed by said electronic system comprising a hardware processor, security hardware registers configured for storing start addresses of functions among said plurality of functions and associated security countermeasure configurations to be applied during an execution of said functions, a detection system configured to detect an attack on said electronic system during an execution of a function among said plurality of functions, and comprising:- detecting (S1), by said detection system, an attack on said electronic system during an execution of a first function,- selecting (S2), based on said detected attack, a security countermeasure configuration to be applied during an execution of said first function,- storing (S3), in a security hardware register, said first function start address and said selected security countermeasure configuration to be applied during an execution of said first function

IPC 8 full level

G06F 21/55 (2013.01)

CPC (source: EP US)

G06F 21/552 (2013.01 - EP); **G06F 21/554** (2013.01 - EP US); **G06F 2221/034** (2013.01 - US)

Citation (search report)

See references of WO 2021123684A1

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)

EP 3839779 A1 20210623; EP 4078418 A1 20221026; US 2023080096 A1 20230316; WO 2021123684 A1 20210624

DOCDB simple family (application)

EP 19306680 A 20191218; EP 20848856 A 20201218; FR 2020052559 W 20201218; US 202017783688 A 20201218