

Title (en)

METHOD FOR PREVENTING STACK MANIPULATIONS IN THE CASE OF FUNCTION CALLS

Title (de)

VERFAHREN ZUR VERBINDUNG VON STACKMANIPULATIONSANGRIFFEN BEI FUNKTIONSAUFRUFEN

Title (fr)

PROCEDE DESTINE A EMPECHER DES MANIPULATIONS DE PILES EN CAS D'APPELS DE FONCTION

Publication

EP 1119811 A1 20010801 (DE)

Application

EP 99959185 A 19991006

Priority

- DE 9903226 W 19991006
- DE 19846673 A 19981009

Abstract (en)

[origin: DE19846673A1] A method of preventing stack manipulation activity involves limiting any stack access, during a call to an unsafe function by hardware to the stack area of his unsafe function. Preferably, the limitation of stack access is carried out prior to the call to the unsafe function, with the reference stored on the stack frame of the called or polled function.

IPC 1-7

G06F 12/14

IPC 8 full level

G06F 9/40 (2006.01); **G06F 9/44** (2006.01); **G06F 9/448** (2018.01); **G06F 12/14** (2006.01)

CPC (source: EP US)

G06F 9/4484 (2018.01 - EP US); **G06F 12/1441** (2013.01 - EP US)

Citation (search report)

See references of WO 0022533A1

Designated contracting state (EPC)

AT DE FR GB

DOCDB simple family (publication)

DE 19846673 A1 20000420; CN 1322316 A 20011114; EP 1119811 A1 20010801; US 2002013907 A1 20020131; WO 0022533 A1 20000420

DOCDB simple family (application)

DE 19846673 A 19981009; CN 99811922 A 19991006; DE 9903226 W 19991006; EP 99959185 A 19991006; US 82929901 A 20010409