Title (en)
SOFTWARE APPLICATION INTEGRITY VERIFICATION METHOD AND DEVICE

Title (de)
SYSTEM UND VERFAHREN ZUM ÜBERPRÜFEN DER INTEGRITÄT EINES PROGRAMMS

Title (fr)
PROCEDE ET DISPOSITIF DE VERIFICATION DE L'INTEGRITE D'UNE APPLICATION LOGICIELLE

Publication
EP 1576444 A1 20050921 (FR)

Application
EP 03799695 A 20031223

Priority
• FR 0303877 W 20031223
• FR 0216652 A 20021224

Abstract (en)
[origin: FR2849230A1] An encryption key free software application (1) integrity verification procedure determines a set of executable certificate instructions (4) from an execution memory map generated by a separate electronic circuit, receives and executes it in a virtual machine on a terminal at intervals during application execution to allow continued execution (10) if the signature (8) generated (6) is correct.

IPC 1-7
G06F 1/00

IPC 8 full level
G06F 21/12 (2013.01); **G06F 21/54** (2013.01); **G06F 21/57** (2013.01); **G06F 21/72** (2013.01); **G06F 21/77** (2013.01); **G07F 7/10** (2006.01); **G07F 7/12** (2006.01)

CPC (source: EP US)
G06F 21/109 (2023.08 - EP); **G06F 21/123** (2013.01 - EP US); **G06F 21/125** (2013.01 - EP US); **G06F 21/54** (2013.01 - EP US); **G06F 21/57** (2013.01 - EP US); **G06F 21/72** (2013.01 - EP US); **G06F 21/77** (2013.01 - EP US); **G06Q 20/341** (2013.01 - EP US); **G07F 7/08** (2013.01 - EP US); **G07F 7/082** (2013.01 - EP US); **G07F 7/1008** (2013.01 - EP US); **G07F 7/12** (2013.01 - EP US); **H04L 63/123** (2013.01 - EP US); G06F 21/109 (2023.08 - US); G06F 2221/033 (2013.01 - EP US); G06F 2221/2153 (2013.01 - EP US); H04L 63/0823 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2849230 A1 20040625; **FR 2849230 B1 20050422**; AU 2003299401 A1 20040722; CA 2510602 A1 20040715; CN 100520670 C 20090729; CN 1729436 A 20060201; EP 1576444 A1 20050921; HK 1083545 A1 20060707; US 2006085645 A1 20060420; US 7739514 B2 20100615; WO 2004059450 A1 20040715

DOCDB simple family (application)
FR 0216652 A 20021224; AU 2003299401 A 20031223; CA 2510602 A 20031223; CN 200380107152 A 20031223; EP 03799695 A 20031223; FR 0303877 W 20031223; HK 06103351 A 20060316; US 53956605 A 20050607