Title (en)

SECURE MEMORY CARD WITH LIFE CYCLE PHASES

Title (de)

SICHERE SPEICHERKARTE MIT LEBENSZYKLUSPHASEN

Title (fr)

CARTE MEMOIRE SECURISEE A PHASES DE CYCLE DE VIE

Publication

EP 1846826 A2 20071024 (EN)

Application

EP 06734304 A 20060201

Priority

- US 2006003876 W 20060201
- US 65112805 P 20050207
- US 31739005 A 20051222
- US 31786205 A 20051222

Abstract (en)

[origin: WO2006086232A2] A secure memory card with encryption capabilities comprises various life cycle states that allow for testing of the hardware and software of the card in certain of the states. The testing mechanisms are disabled in certain other of the states thus closing potential back doors to secure data and cryptographic keys. Controlled availability and generation of the keys required for encryption and decryption of data is such that even if back doors are accessed that previously encrypted data is impossible to decrypt and thus worthless even if a back door is found and maliciously pried open.

IPC 8 full level

G06F 11/22 (2006.01); **G06F 21/60** (2013.01); **G06F 21/62** (2013.01); **G06F 21/72** (2013.01)

CPC (source: EP KR)

G06F 1/00 (2013.01 - KR); **G06F 11/2273** (2013.01 - EP); **G06F 12/14** (2013.01 - KR); **G06K 19/07** (2013.01 - KR)

Citation (search report)

See references of WO 2006086232A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

WO 2006086232 A2 20060817; **WO 2006086232 A3 20071011**; CN 101164048 A 20080416; CN 101164048 B 20100616; EP 1846826 A2 20071024; IL 184793 A0 20080120; JP 2008530659 A 20080807; JP 4787273 B2 20111005; KR 100972540 B1 20100728; KR 20070121642 A 20071227; TW 200641696 A 20061201; TW I402755 B 20130721

DOCDB simple family (application)

US 2006003876 W 20060201; CN 200680004229 A 20060201; EP 06734304 A 20060201; IL 18479307 A 20070723; JP 2007554249 A 20060201; KR 20077018143 A 20060201; TW 95104117 A 20060207