Title (en)

    Method for the protection of a security module and arrangement for implementing said method

Title (de)

    Verfahren zum Schutz eines Sicherheitsmoduls und Anordnung zur Durchführung des Verfahrens

Title (fr)

    Procédé de protection d'un module de sécurité et ensemble pour mettre en oeuvre ledit procédé

Publication

    EP 1035518 A3 20001220 (DE)

Application

    EP 00250065 A 20000225

Priority

- DE 19912781 A 19990312
- DE 19928057 A 19990615

Abstract (en)

    [origin: EP1035518A2] The method involves monitoring the state of the use or exchange of the security module using at least two functional units, such as a microprocessor (120), a monitoring unit (12) and a detection unit (13). The state is signaled using the microprocessor. Sensitive data are erased by the monitoring unit when improper use or exchange is detected. The monitoring unit may monitor the correct installation or state of a battery (134). The detection unit may block the functionality on the basis of an exchange of the security module or a destruction condition. An Independent claim is included for an apparatus for performing the method.

IPC 1-7

    G07B 17/00; G07B 17/04

IPC 8 full level

    G07B 17/00 (2006.01)

CPC (source: EP US)

    G07B 17/00733 (2013.01 - EP US); G07B 2017/00233 (2013.01 - EP US); G07B 2017/00298 (2013.01 - EP US); G07B 2017/00306 (2013.01 - EP US); G07B 2017/00346 (2013.01 - EP US); G07B 2017/00403 (2013.01 - EP US); G07B 2017/00967 (2013.01 - EP US)

Citation (search report)

- [YA] GB 2303173 A 19970212 - HOMEWOOD CLIVE ROBERT [GB], et al
- [YA] US 5515540 A 19960507 - GRIDER STEPHEN N [US], et al
- [A] WO 9820461 A2 19980514 - ASCOM HASLER MAILING SYS INC [US], et al
- [A] US 5097253 A 19920317 - ESCHBACH EUGENE A [US], et al
- [A] US 5353350 A 19941004 - UNSWORTH JOSEPH [AU], et al
- [A] US 4575621 A 19860311 - DREIFUS HENRY N [US]
- [A] USPS, UNITED STATES POSTAL SERVICE, INFORMATION BASED INDICIA PROGRAM, POSTAL SECURITY DEVICE SPECIFICATION, 13 June 1996 (1996-06-13), XP002137734

Cited by

    DE10116703A1; DE10136608B4; EP1209631A1; US7222238B2; US6512376B2; US7610501B2; EP1967976A2; DE102007011309A1

Designated contracting state (EPC)

    AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

    EP 1035518 A2 20000913; **EP 1035518 A3 20001220**; **EP 1035518 B1 20080625**; AU 2080500 A 20000914; CN 1156800 C 20040707; CN 1271145 A 20001025; DE 50015220 D1 20080807; US 2002194017 A1 20021219; US 6954149 B2 20051011; US 7194443 B1 20070320

DOCDB simple family (application)

    EP 00250065 A 20000225; AU 2080500 A 20000310; CN 00103871 A 20000310; DE 50015220 T 20000225; US 21724702 A 20020812; US 52261900 A 20000310