

Title (en)

AN APPARATUS FOR PROVIDING A SECURE PROCESSING ENVIRONMENT

Title (de)

EIN GERÄT UM EINE SICHERE UMGEBUNG FÜR DATENVERARBEITUNG ZU GEWÄHREN

Title (fr)

APPAREIL GENERANT UN ENVIRONNEMENT POUR TRAITEMENT DE SECURISATION

Publication

EP 1032869 A1 20000906 (EN)

Application

EP 98953190 A 19980925

Priority

US 9820083 W 19980925

Abstract (en)

[origin: WO0019299A1] An apparatus for providing a secure processing environment is disclosed. In one embodiment, the apparatus includes a read/write memory for storing encrypted information. It also includes a processor, a cipherer and an authenticator. The cipherer is in communication with the read/write memory for receiving encrypted information therefrom and is configured to decrypt the encrypted information into decrypted information to be returned to the memory for subsequent use by the processor. The authenticator authenticates the decrypted information prior to use by the processor and reauthenticates the information prior to re-encryption by the cipherer.

IPC 1-7

G06F 1/00

IPC 8 full level

G06F 12/14 (2006.01); **G06F 21/00** (2006.01); **G06F 21/06** (2006.01); **G06F 21/12** (2013.01); **G06F 21/22** (2006.01); **G06F 21/24** (2006.01); **G06F 21/62** (2013.01); **G06F 21/74** (2013.01); **G06F 21/75** (2013.01); **G06F 21/78** (2013.01); **G06F 21/85** (2013.01); **H04L 9/10** (2006.01)

CPC (source: EP)

G06F 12/1408 (2013.01); **G06F 21/123** (2013.01); **G06F 21/62** (2013.01); **G06F 21/74** (2013.01); **G06F 21/78** (2013.01); **G06F 21/85** (2013.01); **G06F 2207/7219** (2013.01); **G06F 2211/007** (2013.01)

Citation (search report)

See references of WO 0019299A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 0019299 A1 20000406; AU 1062399 A 20000417; AU 743775 B2 20020207; CA 2309627 A1 20000406; EP 1032869 A1 20000906; JP 2002526822 A 20020820

DOCDB simple family (application)

US 9820083 W 19980925; AU 1062399 A 19980925; CA 2309627 A 19980925; EP 98953190 A 19980925; JP 2000572741 A 19980925