

Title (en)
ENCRIPTION MODULE WITH PHYSICAL SECURITY OR PROTECTION

Title (de)
VERSCHLÜSSELUNGSMODUL MIT PHYSISCHEM SCHUTZ

Title (fr)
MODULE DE CHIFFREMENT

Publication
EP 1370919 A2 20031217 (EN)

Application
EP 02708363 A 20020322

Priority
• AU PR389801 A 20010322
• EP 0203247 W 20020322

Abstract (en)
[origin: WO02077778A2] This invention concerns an encryption module having a cryptographic adapter configured for connection to a host system bus to manage host computer access via a secure access policy implemented in firmware on the adapter. The invention in particular concerns the physical security measures applied to such a module to maintain its operational integrity. To do this the adapter is encased in a sealed cover which is designed with thermal characteristics so that a steady state temperature is achieved during use that is safe for continuous operation. The module further comprises tamper detection devices including a software configurable tamper detection component to induce a tamper response upon removal of adapter from the host system bus.

IPC 1-7
G06F 1/00

IPC 8 full level
G06F 21/86 (2013.01)

CPC (source: EP)
G06F 21/86 (2013.01)

Citation (search report)
See references of WO 02077778A2

Citation (examination)
• US 2001056543 A1 20011227 - ISOMURA HIROSHI [JP]
• US 5148481 A 19920915 - ABRAHAM DENNIS G [US], et al
• US 5790670 A 19980804 - BRAMLETT LAWRENCE [US]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02077778 A2 20021003; WO 02077778 A3 20030904; AU 2002242733 A1 20021008; AU PR389801 A0 20010412;
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