

Title (en)  
ENCRYPTION 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.

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**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)  
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DOCDB simple family (publication)  
**WO 02077778 A2 20021003; WO 02077778 A3 20030904;** AU 2002242733 A1 20021008; AU PR389801 A0 20010412;  
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**EP 0203247 W 20020322;** AU 2002242733 A 20020322; AU PR389801 A 20010322; EP 02708363 A 20020322