

Title (en)  
ISOLATED MULTIPLEXED MULTI-DIMENSIONAL PROCESSING IN A VIRTUAL PROCESSING SPACE HAVING VIRUS, SPYWARE, AND HACKER PROTECTION FEATURES

Title (de)  
ISOLIERTE GEMULTIPLEXTE MEHRDIMENSIONALE VERARBEITUNG IN EINEM VIRTUELLEN VERARBEITUNGSRAUM MIT VIRUS-, SPYWARE- UND HACKER-SCHUTZMERKMALEN

Title (fr)  
TRAITEMENT MULTIPLEXE, MULTIDIMENSIONNEL, ISOLE, EFFECTUE DANS UN ESPACE DE TRAITEMENT VIRTUEL COMPORTANT DES FONCTIONS DE PROTECTION CONTRE LES VIRUS, LES LOGICIELS ESPIONS ET LES PIRATES INFORMATIQUES

Publication  
**EP 1709536 A2 20061011 (EN)**

Application  
**EP 05780007 A 20050114**

Priority  
• US 2005001484 W 20050114  
• US 76013104 A 20040115  
• US 2004033955 W 20041013  
• US 2229004 A 20041223

Abstract (en)  
[origin: WO2005116804A2] Information appliance, computing device, or other processor or microprocessor based device or system provides security and anti-viral, anti-hacker, and anti-cyber terror features, and can automatically create multiple sequentially or concurrently and intermittently isolated and/or restricted computing environments to prevent viruses, malicious or other computer hacking, computer or device corruption and failure by using these computing environments in conjunction with restricted and controlled methods of moving and copying data, combined with a process that destroys malicious code located in computing environments and data stores. Time multiplexed processing streams with system, device, architecture and method for maintaining isolation of multiple processes executing in single physical processor. Virtual multi-dimensional processing space and virtual processing environments. Temporally multiplexed processing in a single CPU. Process isolation using address control and mapping. Selecting, configuring, switching, and/or multiplexing multiple processes in physical and/or virtual processing or computing spaces to create physical and/or virtual processing or computing environments.

IPC 8 full level  
**G06F 3/00** (2006.01); **G06F 11/30** (2006.01); **G06F 21/00** (2006.01); **G06F 21/56** (2013.01)

CPC (source: EP)  
**G06F 21/568** (2013.01)

Citation (search report)  
See references of WO 2005116804A2

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