

Title (en)

SYSTEM FOR PROTECTING CRYPTOGRAPHIC PROCESSING AND MEMORY RESOURCES FOR POSTAL FRANKING MACHINES

Title (de)

VORRICHTUNG ZUM SCHUTZ EINER KRYPTOGRAPHISCHEN VERARBEITUNG UND VON SPEICHERMITTELN FÜR FRANKIERMASCHINEN

Title (fr)

SYSTEME DE PROTECTION DU TRAITEMENT CRYPTOGRAPHIQUE ET DES RESSOURCES EN MEMOIRE POUR MACHINES D'AFFRANCHISSEMENT POSTAL

Publication

EP 0958674 A4 20040707 (EN)

Application

EP 97947255 A 19971107

Priority

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- US 3053796 P 19961107
- US 5004397 P 19970618
- US 5410597 P 19970729

Abstract (en)

[origin: WO9820461A2] An improved system for protecting cryptographic processing and memory for postal franking machines. Appropriate cryptographic processing and memory resources are contained in a Postal Security Device (PSD), which defines a cryptographic and physical boundary. Cryptographic processing occurs in the PSD, which provides security to these resources, thereby minimizing a successful fraudulent attack on the system. Speed of the cryptographic processing is also increased. The PSD may be in the form of an Applications Specific Integrated Circuit (ASIC) or Personal Computer Memory Card International Association (PCMCIA) Card.

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H04L 9/00; G06F 1/00; G07B 17/00

IPC 8 full level

G07B 17/00 (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] WO 9306542 A1 19930401 - TRES AUTOMATISERUNG B V [NL]
- [A] US 4814591 A 19890321 - NARA SEIETSU [JP], et al
- [XA] BRUCE SCHNEIER: "Applied Cryptography second Edition", 1996, JOHN WILEY & SONS, USA, XP002279093
- See references of WO 9820461A2

Designated contracting state (EPC)

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WO 9820461 A2 19980514; **WO 9820461 A3 19981008**; CA 2271097 A1 19980514; DE 69736246 D1 20060810; DE 69736246 T2 20070516; EP 0958674 A2 19991124; EP 0958674 A4 20040707; EP 0958674 B1 20060628

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