

Title (en)

System for protecting cryptographic processing and memory resources for postal franking machines

Title (de)

Vorrichtung zur gesicherten Kryptographischen Datenverarbeitung und zum Schutz von Speicherermitteln für Frankiermaschinen

Title (fr)

Système de protection du traitement cryptographique et des Ressources en memoire pour machines d'affranchissement postal

Publication

**EP 0958674 B1 20060628 (EN)**

Application

**EP 97947255 A 19971107**

Priority

- US 9715856 W 19971107
- 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.

IPC 8 full level

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CPC (source: EP)

**G07B 17/0008** (2013.01); **G07B 17/00733** (2013.01); **G07B 2017/00177** (2013.01); **G07B 2017/00258** (2013.01); **G07B 2017/00322** (2013.01); **G07B 2017/00395** (2013.01); **G07B 2017/00967** (2013.01)

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