

Title (en)

Method for verifying the expected postage security device in a host system

Title (de)

Verfahren zum Überprüfen der erwarteten Frankiersicherheitsvorrichtung in einem Zentralrechnersystem

Title (fr)

Procédé pour vérifier le dispositif de sécurité d'affranchissement prévu dans un système de serveur

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Application

EP 97120456 A 19971121

Priority

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Abstract (en)

A method to verify in a host system that the expected PSD is coupled to the host. The host system generates a message, such as a random number and sends to the PSD. In one embodiment, the random number is signed in the PSD. The signed number is transmitted to the host where the signature is verified. In an alternate embodiment, the PSD encrypts the number and transmits it to the host system. The host system decrypts the encrypted number and ensures it corresponds with the number originally generated and transmitted to the PSD. Methods for verifying in a PSD that the expected host is coupled to the PSD mirrors the two embodiments for verifying the expected PSD. The generated message may include data indicating status of the PSD based, for example a checksum of PSD transaction records stored in the host system. <IMAGE>

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