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(57) Abstract :

The present disclosure relates to a system 100 and a method to protect a message using a two-stage hash value matching. The system 100 receive the message, via the receiver engine, and decrypt the encrypted hash value using a private key and compare the decrypted hash value with the hash value of the received message using a two-stage hash value matching. The receiver engine (214) compares the hash value of the received message with the hash values stored in the database in the first stage of the two-stage hash value and if the hash value of the received message matches any hash value of the previously transmitted message stored in the database, In a second stage, if the hash value of the received message does not match any hash value of the previously transmitted message stored in the database, the receiver engine (214) discards the message.

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