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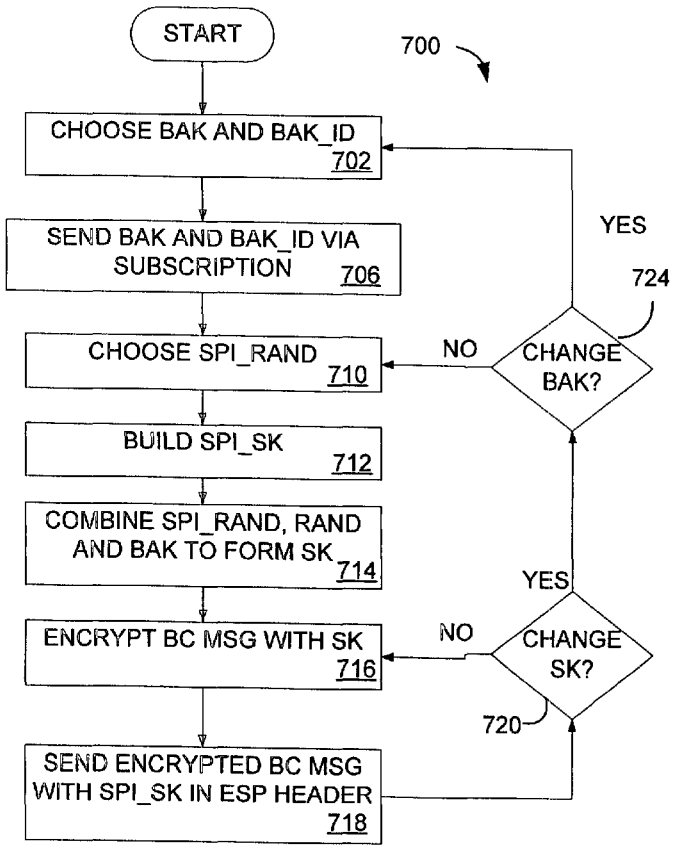
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(54) Title: METHOD AND APPARATUS FOR SECURITY IN A DATA PROCESSING SYSTEM



(57) Abstract: Method and apparatus for secure transmissions. Each user is provided a registration key. A long-time updated broadcast key is encrypted using the registration key and provided periodically to a user. A short-time updatedkey is encrypted using the broadcast key. The short-time key is available with each broadcast message,wherein sufficient information to calculate the short-time key is provided in an Internet protocol headerpreceding the broadcast content. Broadcasts are then encrypted using the short-time key, wherein the user decrypts the broadcast message using the short-time key.

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