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(54) METHOD AND DEVICE FOR UPDATING A KEY

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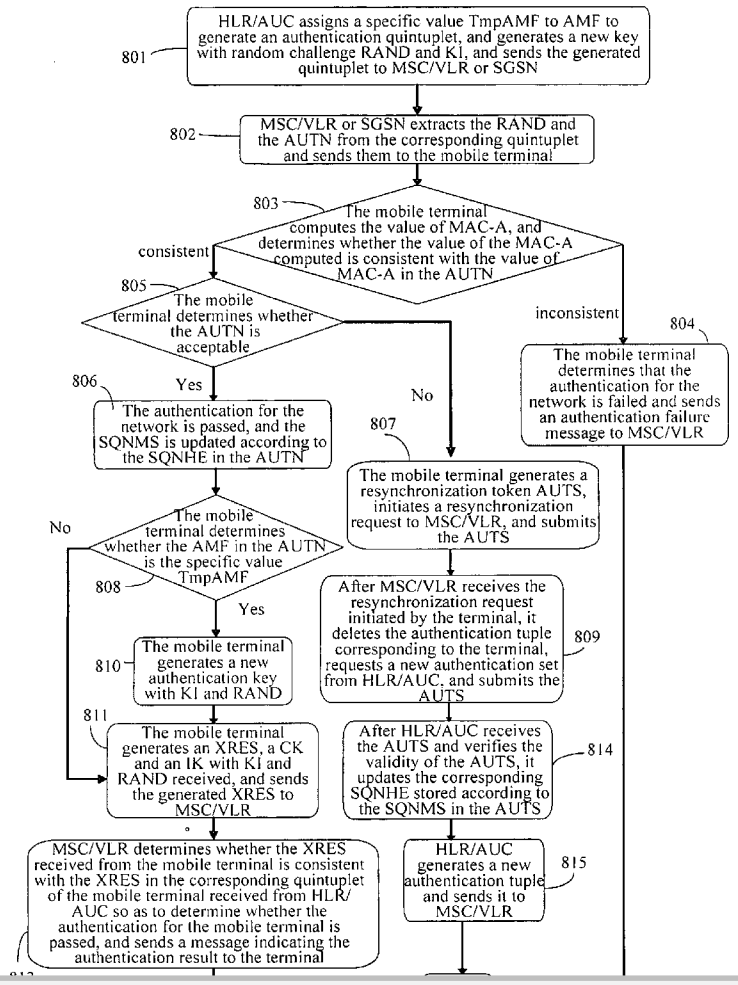
(57) **ABSTRACT**

A method for updating a key includes: assigning, by a network, a stipulated specific value to an authentication management field AMF and generating a corresponding authentication tuple, and sending corresponding parameters in the authentication tuple to the terminal when an authentication request is initiated to the terminal, and generating a new authentication key for use in the next authentication; generating, by the terminal, a new authentication key corresponding to the network for use in the next authentication, when the corresponding parameters are received and it is determined that the authentication for the network is passed and the authentication management field in the corresponding parameters is with the predetermined value. According to the method for updating the key according to the invention, the key may be updated conveniently without adding to or modifying the existing signaling resources or the authentication parameters, so that network security may be improved.



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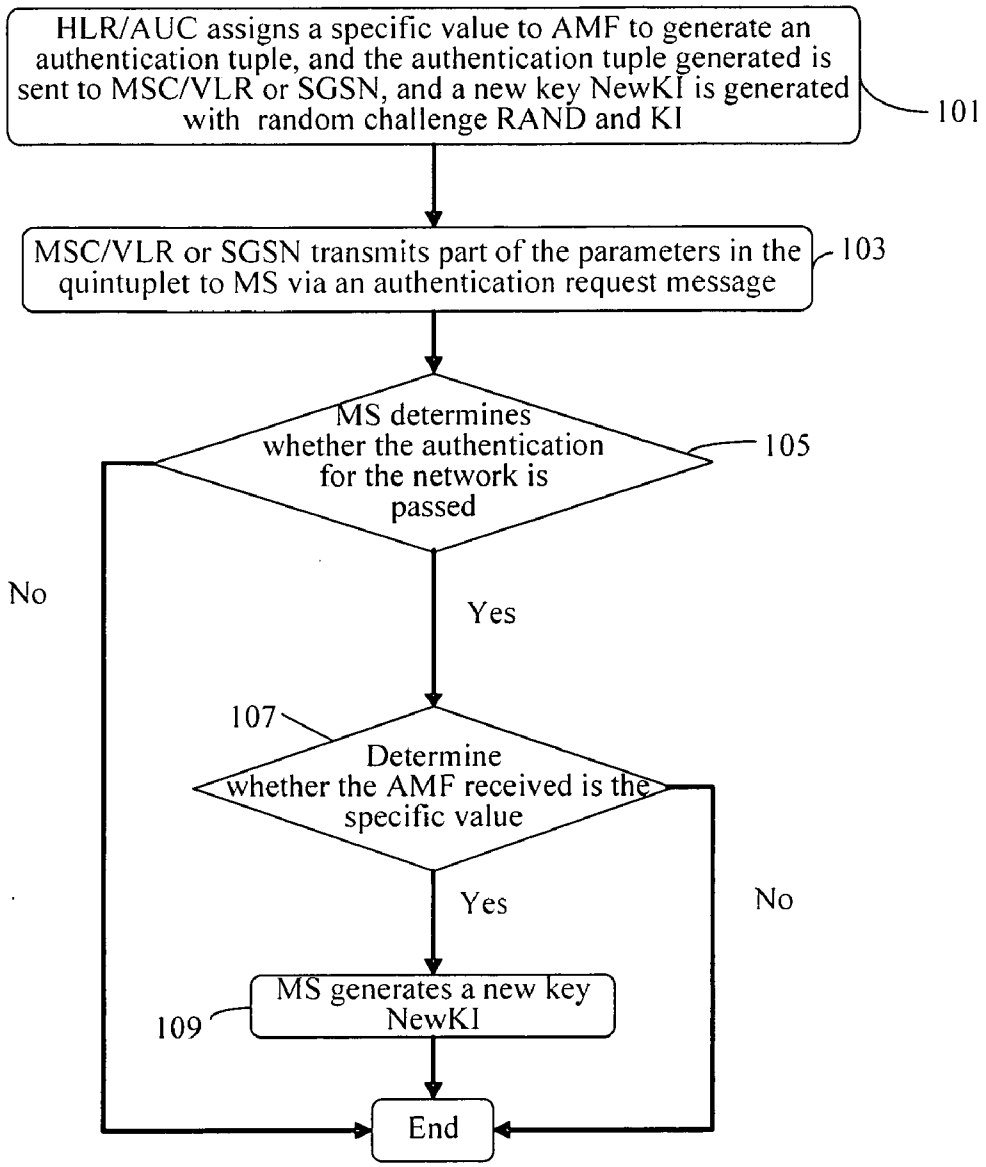

Fig. 1

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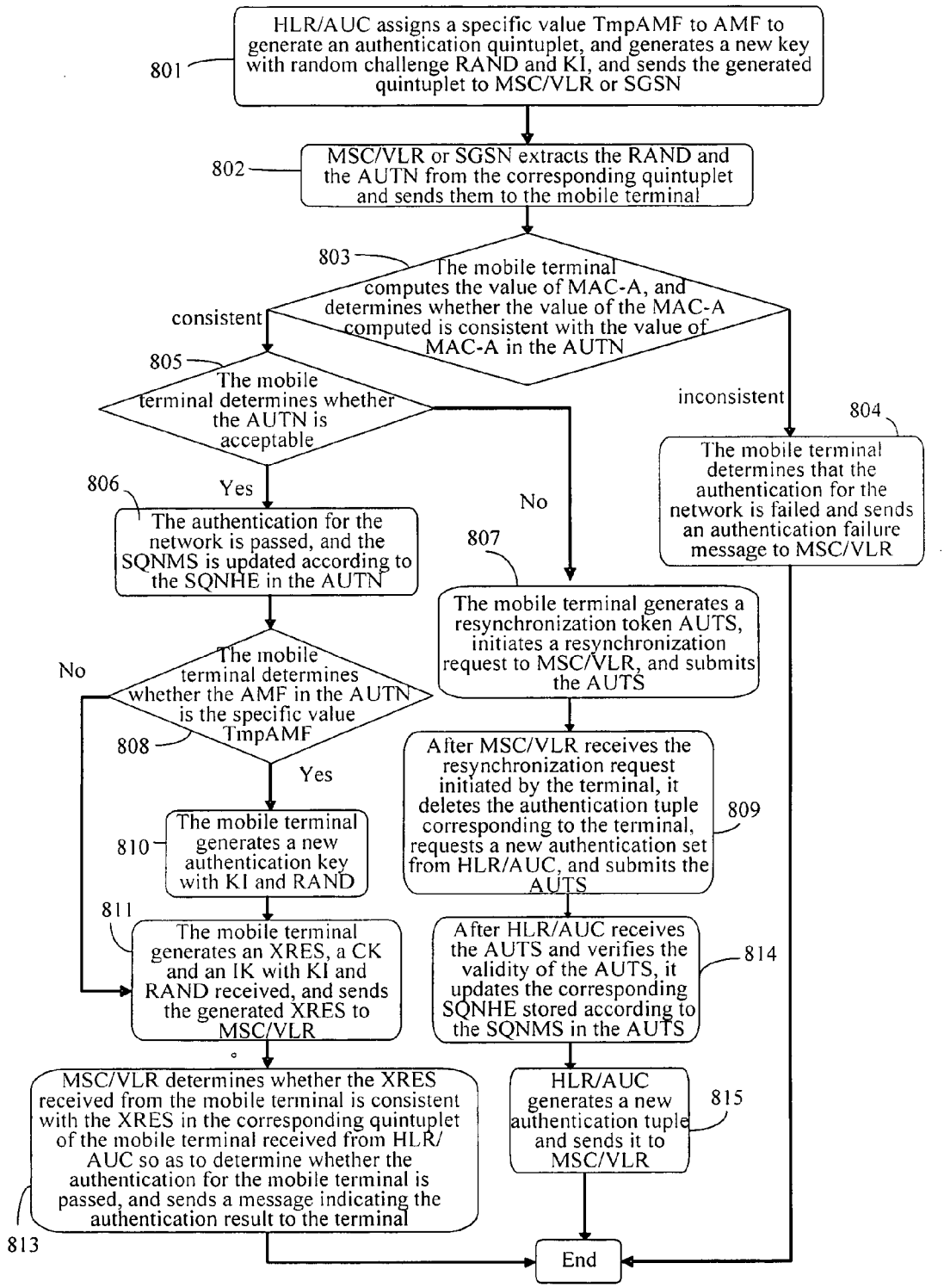

Fig. 2

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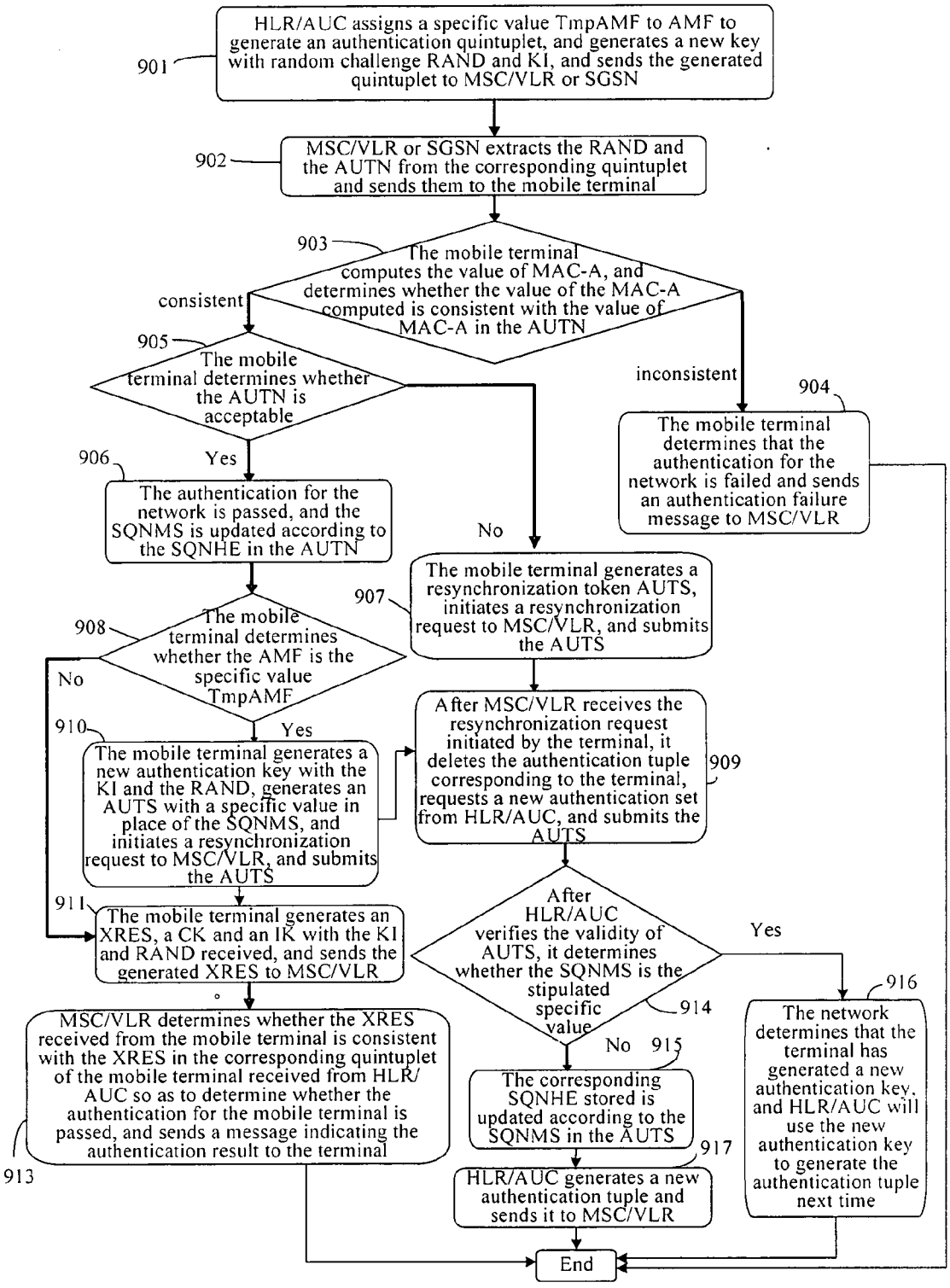

Fig. 3

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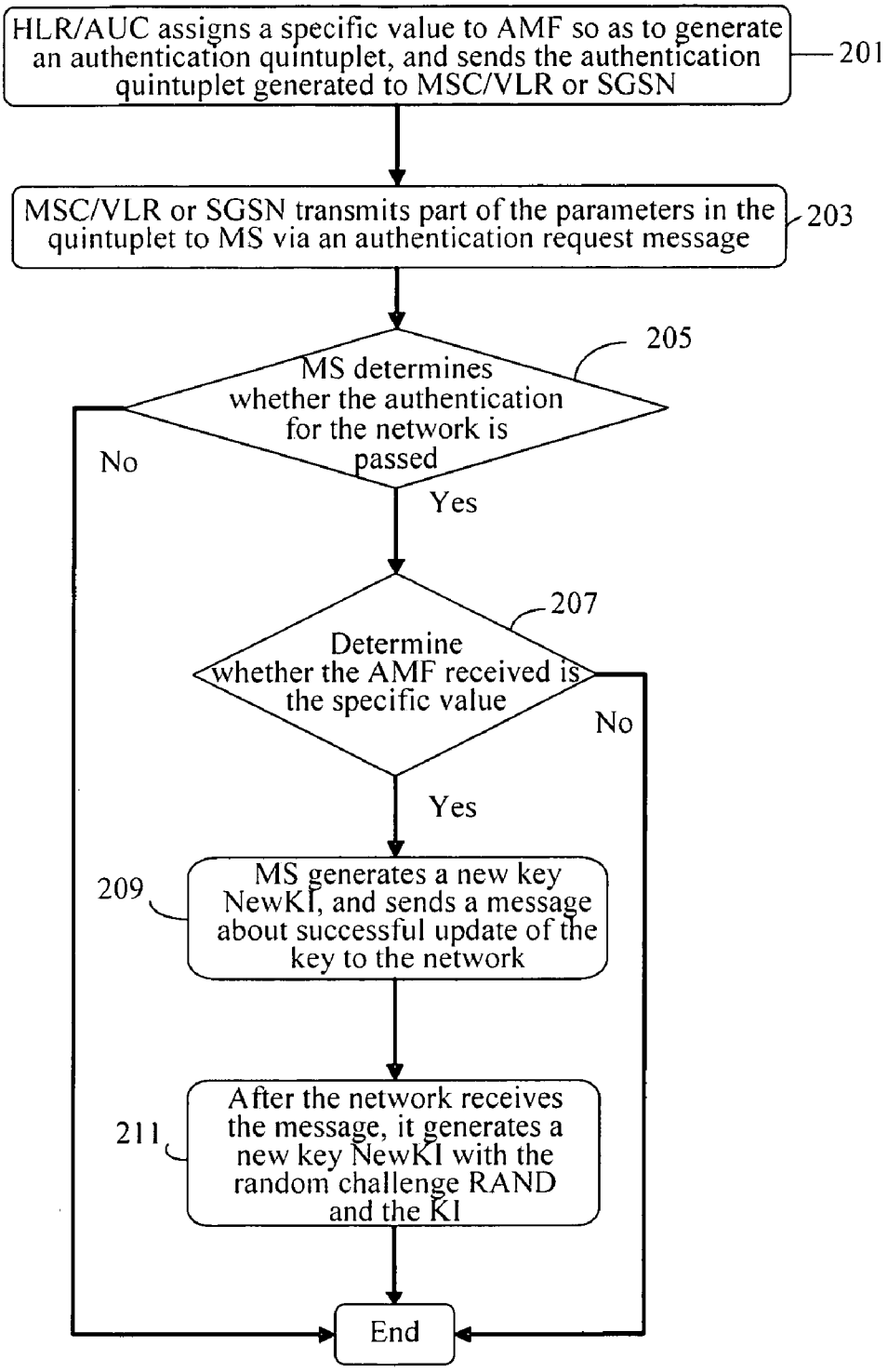

Fig. 4

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