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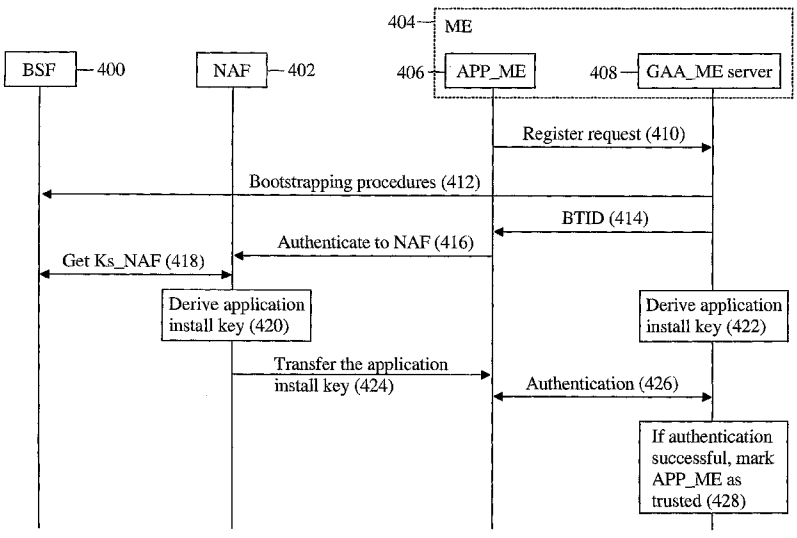
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(54) **Title:** AUTHENTICATING AN APPLICATION



(57) **Abstract:** One aspect of the invention discloses a method of authenticating an application. The method comprising performing, with a server application (408), bootstrapping procedures (412) between the server application (408) and a bootstrapping server function (400); deriving (420, 422) a shared key based on at least a key received from the bootstrapping server function server (400) during the bootstrapping procedures (412) and a network application function identifier; providing (414) an application (406) with a bootstrapping transaction identifier, the bootstrapping transaction identifier being received from the bootstrapping server function server (400) during the bootstrapping procedures (412); receiving a response from the application (406); and authenticating (426) the application by validating the response with the shared key.

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