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Hancock et al.

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(54) **AUTHENTICATION DEVICE SELECTION
TO FACILITATE AUTHENTICATION VIA AN
UPDATEABLE SUBSCRIBER IDENTIFIER**

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(57)

ABSTRACT

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H04W 40/02 (2009.01)
H04W 60/00 (2009.01)
(Continued)

Steering an authentication request to a determined authentication device based on a correlation between a user equipment (UE) identity and an authentication device is disclosed. The authentication request comprises an updateable subscriber identity. The authentication request can be associated with the UE identity, which can be correlated to an authentication device as a result of a prior authentication event. The updateable subscriber identity can have been updated during the prior authentication event, such that the authentication device has record of the updated subscriber identity. Therefore, the authentication device can to perform an authentication based on the updated subscriber identity while other authentication devices lacking record of the updated subscriber identity would be unable to perform the authentication. The disclosed subject matter can be operable with existing deployed authentication systems with little to no modification of those systems.

(52) **U.S. Cl.**
CPC **H04W 12/06** (2013.01); **H04L 63/0876**
(2013.01); **H04L 63/0892** (2013.01)

(58) **Field of Classification Search**
CPC H04W 8/183; H04W 40/02; H04W 6/00
(Continued)

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20 Claims, 10 Drawing Sheets

