

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2023/0232359 A1 Lai et al.

Jul. 20, 2023 (43) **Pub. Date:**

(54) URSP HANDLING FOR CREDENTIALS HOLDER SCENARIOS

(71) Applicant: **MEDIA TEK INC.**, Hsin-Chu (TW)

(72) Inventors: Chia-Lin Lai, Hsin-Chu (TW); Yuan-Chieh Lin, Hsin-Chu (TW)

(21) Appl. No.: 18/085,435

(22) Filed: Dec. 20, 2022

Related U.S. Application Data

(60) Provisional application No. 63/300,275, filed on Jan. 18, 2022, provisional application No. 63/300,277, filed on Jan. 18, 2022.

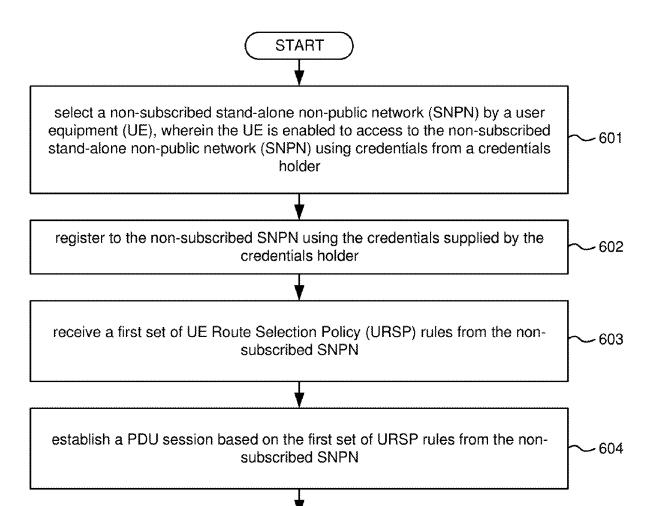
Publication Classification

(51) Int. Cl. H04W 60/04

(2006.01)H04W 76/10 (2006.01) (52) U.S. Cl. CPC H04W 60/04 (2013.01); H04W 76/10 (2018.02); H04W 84/042 (2013.01)

ABSTRACT (57)

A method of handling UE Route Selection Policy (URSP) rules received from a non-subscribed Stand-alone Nonpublic Network (SNPN) registered using credentials from a credentials holder (CH) is provided. UE may be pre-configured with URSP rules by UE home network or UE may first registers to a home network and obtain signaled URSP rules from the home network. Later on, UE may register to a non-subscribed SNPN using credentials from a CH. Before establishing a PDU session, UE checks the corresponding URSP rules that can be used in the SNPN. If UE is signaled with URSP rules by the registered non-subscribed SNPN, then UE can use URSP rules in the following priority order: 1) URSP rules signaled from the non-subscribed SNPN, 2) URSP rules signaled from the home network, and 3) URSP rules pre-configured by the home network.



END