

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2023/0232207 A1

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

(2013.01); H04W 60/04 (2013.01)

(54) METHOD AND APPARATUS TO PROVIDE PRIORITY SERVICES TO UE IN WIRELESS **NETWORK**

(71) Applicant: Samsung Electronics Co., Ltd.,

Suwon-si (KR)

(72) Inventor: Ashok Kumar NAYAK, Bangalore

- (21) Appl. No.: 18/067,065
- (22) Filed: Dec. 16, 2022

(30)Foreign Application Priority Data

(IN) 202241002627 Jan. 17, 2022 Jul. 7, 2022 (IN) 2022 41002627

Publication Classification

(51) Int. Cl. H04W 8/20 (2006.01)H04W 4/06 (2006.01)H04W 60/04 (2006.01)

U.S. Cl. CPC H04W 8/20 (2013.01); H04W 4/06

ABSTRACT

(57)

Embodiments herein provide methods for providing priority services to a UE by an AMF. The method includes receiving a request message from the UE, receiving, from a unified data management (UDM), subscription data of the UE, and, based on identifying that the subscription data comprises information related to a priority service and the request message does not include an establishment cause associated with the priority service, sending, to the UE, an accept message for the priority service in response to receiving the request message. The priority service comprises at least one of multimedia priority service (MPS) or mission critical service (MCX).

