



US 20230232219A1

(19) **United States**

(12) **Patent Application Publication**
MAO et al.

(10) **Pub. No.: US 2023/0232219 A1**

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

(54) **DATA TRANSMISSION METHOD AND
SYSTEM, ELECTRONIC DEVICE AND
COMPUTER-READABLE STORAGE
MEDIUM**

Publication Classification

(51) **Int. Cl.**

H04W 12/033 (2006.01)

H04W 12/041 (2006.01)

H04W 12/106 (2006.01)

(52) **U.S. Cl.**

CPC **H04W 12/033** (2021.01); **H04W 12/041**
(2021.01); **H04W 12/106** (2021.01)

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ABSTRACT

The present disclosure relates to the technical field of communication security, and provides a data transmission method applicable to a control plane function entity, including: determining target user plane data which needs to be subjected to security protection between a target user equipment and a user plane function entity; and sending a notification message to a Radio Access Network function entity and the target user equipment, with the notification message configured to instruct that the security protection is performed on the target user plane data between the target user equipment and the user plane function entity. The present disclosure further provides a data transmission system, an electronic device, and a computer-readable storage medium.

(21) Appl. No.: **18/007,773**

(22) PCT Filed: **Jun. 1, 2021**

(86) PCT No.: **PCT/CN2021/097605**

§ 371 (c)(1),

(2) Date: **Dec. 2, 2022**

(30) **Foreign Application Priority Data**

Jun. 3, 2020 (CN) 202010497744.4

