

(19) **United States**(12) **Patent Application Publication**
WANG et al.(10) **Pub. No.: US 2024/0214164 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **INFORMATION FEEDBACK METHOD AND APPARATUS, INFORMATION RECEIVING METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM**(71) Applicant: **ZTE Corporation**, Shenzhen (CN)(72) Inventors: **Xiyu WANG**, Shenzhen (CN);
Zhaohua LU, Shenzhen (CN); **Bo GAO**, Shenzhen (CN); **Liujun HU**, Shenzhen (CN)(21) Appl. No.: **18/387,003**(22) Filed: **Nov. 3, 2023****Related U.S. Application Data**

(63) Continuation of application No. 18/078,711, filed on Dec. 9, 2022, now Pat. No. 11,882,075, which is a continuation of application No. PCT/CN2021/106064, filed on Jul. 13, 2021.

Foreign Application Priority Data

Oct. 10, 2020 (CN) 202011078401.0

Publication Classification(51) **Int. Cl.**
H04L 5/00 (2006.01)
H04W 24/10 (2006.01)
(52) **U.S. Cl.**
CPC **H04L 5/0057** (2013.01); **H04W 24/10** (2013.01)(57) **ABSTRACT**

Provided are an information feedback method and apparatus, an information receiving method and apparatus, a device, and a storage medium. The information feedback includes the following: a second node configures a report configuration and sends the report configuration to a first node; the first node receives the report configuration sent by the second node and determines channel state information according to the report configuration, where the channel state information includes a reference signal, and the reference signal satisfies a grouping criterion associated with the report configuration; the channel state information is fed back to the second node through a report instance; and the second node receives the channel state information fed back by the first node through the report instance.

