

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0214139 A1

Jun. 27, 2024 (43) **Pub. Date:**

(54) METHOD AND DEVICE IN NODES USED FOR WIRELESS COMMUNICATION

- (71) Applicants: Yang HU, Shanghai (CN); Xiaobo ZHANG, Shanghai (CN)
- Inventors: Yang HU, Shanghai (CN); Xiaobo ZHANG, Shanghai (CN)
- (73) Assignee: SHANGHAI LANGBO **COMMUNICATION** TECHNOLOGY COMPANY **LIMITED**, Shanghai, OT (CN)
- (21) Appl. No.: 18/539,305
- (22)Filed: Dec. 14, 2023
- Foreign Application Priority Data (30)

Dec. 23, 2022 (CN) 202211664710.5

Publication Classification

(51) Int. Cl. H04L 5/00 (2006.01)H04L 1/00 (2006.01)H04W 72/20 (2006.01)

U.S. Cl. CPC H04L 5/0044 (2013.01); H04L 1/0013 (2013.01); H04W 72/20 (2023.01)

A first receiver receives a first signaling; and a first transmitter transmits a first information block and at least one TB on a first channel; herein, the first signaling is used for scheduling the first channel, and a first number is used for transmission of the first information block on the first channel, the first number being related to a number of TB(s) transmitted on the first channel and equal to a smallest one of multiple values; one of the multiple values depends on a result obtained by rounding up a product of a first parameter and a first resource size to a nearest integer, where the first parameter is configurable, and the first resource size is linear with at least one sub resource size, of which each sub resource size is a number of RE(s) allowed to be used for transmitting UCI in an OFDM symbol.

