US 20230232386A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2023/0232386 A1**

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

(54) **TRANSMISSION BANDWIDTH CONFIGURATION METHOD AND TRANSMISSION NODE**

(71) Applicant: **ZTE Corporation**, Shenzhen (CN)

(72) Inventors: **Yu XIN**, Shenzhen (CN); **Wubin ZHOU**, Shenzhen (CN)

(21) Appl. No.: **18/096,734**

(22) Filed: **Jan. 13, 2023**

Related U.S. Application Data

(63) Continuation of application No. 17/169,170, filed on Feb. 5, 2021, now Pat. No. 11,558,871, which is a continuation of application No. 16/399,240, filed on Apr. 30, 2019, now Pat. No. 10,952,214, which is a continuation of application No. PCT/CN2017/106918, filed on Oct. 19, 2017.

(30) **Foreign Application Priority Data**

Nov. 4, 2016 (CN) 201610963740.4

Publication Classification

(51) **Int. Cl.**

H04W 72/0453	(2006.01)
H04L 5/00	(2006.01)
H04W 28/20	(2006.01)
H04W 28/26	(2006.01)
H04L 27/26	(2006.01)

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

CPC ***H04W 72/0453*** (2013.01); ***H04L 5/001*** (2013.01); ***H04W 28/20*** (2013.01); ***H04W 28/26*** (2013.01); ***H04L 27/2607*** (2013.01); ***H04L 5/0044*** (2013.01)

(57) **ABSTRACT**

Provided is a transmission bandwidth configuration method. The method includes: configuring a first channel bandwidth (CB) of a carrier; and in response to determining that the first CB is greater than a first preset bandwidth, configuring subcarriers in a first TBC according to a preset percentage X of the first TBC in the first CB and the first CB, so as to complete a subcarrier configuration in a transmission bandwidth configuration. The preset percentage X is within a range of [a preset lower limit value, a preset upper limit value], the preset lower limit value is greater than 90% and the preset upper limit value is less than 100%. Also provided is a transmitting node.