US 20230232306A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2023/0232306 A1**

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

(54) **PATH, PATH INFORMATION PROCESSING METHOD AND DEVICE, STORAGE MEDIUM AND ELECTRONIC DEVICE**

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

(72) Inventors: **Shuang LIANG**, Shenzhen (CN); **Jinguo ZHU**, Shenzhen (CN); **Zhijun LI**, Shenzhen (CN)

(73) Assignee: **ZTE Corporation**, Shenzhen (CN)

(21) Appl. No.: **18/123,664**

(22) Filed: **Mar. 20, 2023**

Related U.S. Application Data

(63) Continuation of application No. 17/217,318, filed on Mar. 30, 2021, now Pat. No. 11,638,196, which is a continuation of application No. PCT/CN2019/109299, filed on Sep. 30, 2019.

(30) **Foreign Application Priority Data**

Sep. 30, 2018 (CN) 201811163347.2

Publication Classification

(51) **Int. Cl.**

H04W 40/02	(2009.01)
H04W 8/22	(2009.01)
H04L 45/02	(2022.01)

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

CPC ***H04W 40/02*** (2013.01); ***H04W 8/22*** (2013.01); ***H04L 45/02*** (2013.01)

(57) **ABSTRACT**

Provided are a path, a path information processing method and device, a storage medium, and an electronic device. The path processing method may be performed by an I-SMF and include: receiving a first message sent by an anchor-session management function (A-SMF), wherein the first message comprises context information associated with a User Equipment (UE); determining, according to the context information, a mode corresponding to a data path established by the I-SMF, wherein the mode is indicative of whether the data path supports a Protocol Data Unit (PDU) session with multi-homing function; and determining a node type of a node according to the mode, wherein the node type comprises an uplink classifier (UL-CL) or a branching point (BP).