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(54) **METHOD AND APPARATUS FOR SMALL DATA TRANSMISSION**

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(57)

ABSTRACT

Embodiments of the present application relate to a method and an apparatus for or small data transmission of a user equipment (UE) in an RRC_IDLE state or an RRC_INACTIVE state. According to an embodiment of the present application, a method can include: a method may include maintaining a priority variable for each logical channel of at least one logical channel; determining a value of the priority variable for each logical channel after performing a first logical channel prioritization (LCP) procedure; receiving a message indicating a MAC reset; and after receiving the message, in a second LCP procedure subsequent to the first LCP procedure, using the value as an initial value of the priority variable for each logical channel of the at least one logical channel. Embodiments of the present application can satisfy the QoS requirement and fairness for the traffics transmitted in the logical channels in NR systems.

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