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(54) **CARRIER SWITCHING TRANSMISSION METHOD AND APPARATUS, AND TERMINAL AND NETWORK-SIDE-DEVICE**

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(57) **ABSTRACT**

A carrier switching transmission method and apparatus, and a terminal and a network-side device are provided. The method includes: when a plurality of physical uplink control channels PUCCHs transmitted on a first carrier needs to do carrier switching and all of the plurality of PUCCHs are determined to be transmitted in a first time unit on a second carrier after the carrier switching, sending by a terminal one or more PUCCHs in the first time unit on the second carrier according to a first rule after the carrier switching, wherein the plurality of PUCCHs does not overlap in a time domain on the first carrier. PUCCH transmission may be implemented through PUCCH carrier switching.

When a plurality of physical uplink control channels (PUCCHs) transmitted on a first carrier needs to do carrier switching, and each of the plurality of PUCCHs is determined to be transmitted in a first time unit on a second carrier after the carrier switching, sending PUCCHs in the first time unit on the second carrier by the terminal according to a first rule after the carrier switching , wherein the plurality of PUCCHs does not overlap in a time domain on the first carrier.

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