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(54) **HANDLING OF BUFFERED TRAFFIC DURING INTER-CU MIGRATION OF AN INTEGRATED ACCESS BACKHAUL (IAB) NODE**

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(57) **ABSTRACT**

Embodiments include methods for an integrated access backhaul (IAB) node in a wireless network to migrate from a first centralized unit (CU) to a second CU. Such methods include receiving a handover command from the first CU via a source parent IAB node. The handover command includes an identifier of a target cell for the handover. Such methods include determining that the handover command is for an inter-CU migration of the IAB node to the second CU and, based on determining that the handover command is for an inter-CU migration, performing modified handling of uplink and/or downlink data buffered at the IAB node until execution of the handover command. Embodiments also include complementary methods for handling migration of a child IAB node from a first CU to a second CU, as well as IAB nodes configured to perform such methods. FIG. **17** is selected for publication.