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(54) Title: MAPPING BETWEEN INGRESS AND EGRESS BACKHAUL RLC CHANNELS IN INTEGRATED ACCESS BACKHAUL (IAB) NETWORKS

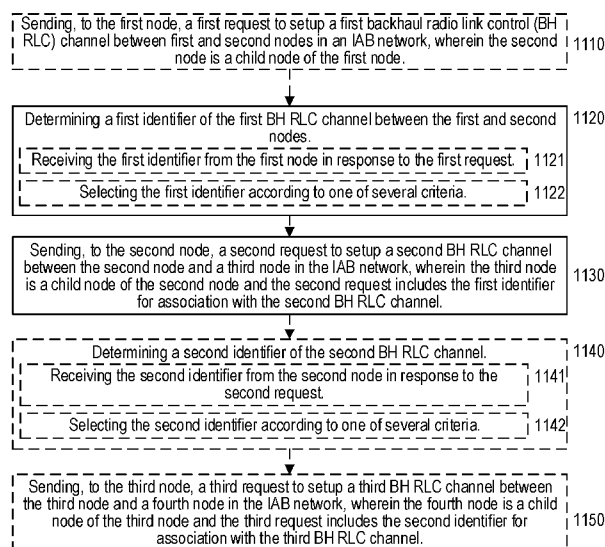


FIG. 11

(57) Abstract: Embodiments includes methods for a centralized unit (CU) in an integrated access backhaul (IAB) network. Such methods include determining a first identifier of a first backhaul radio link control (BH RLC) channel between first and second nodes in the IAB network. The second node is a child node of the first node. Such methods include sending, to the second node, a second request to setup a second BH RLC channel between the second node and a third node in the IAB network. The third node is a child node of the second node, and the second request includes the first identifier for association with the second BH RLC channel. In some embodiments, at least one data radio bearer between a user equipment (UE) and the CU is associated with both the first and second BH RLC channels. Other embodiments include complementary methods for an intermediate node in the IAB network.

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