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(54) Title: BUNDLING OF ACK INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

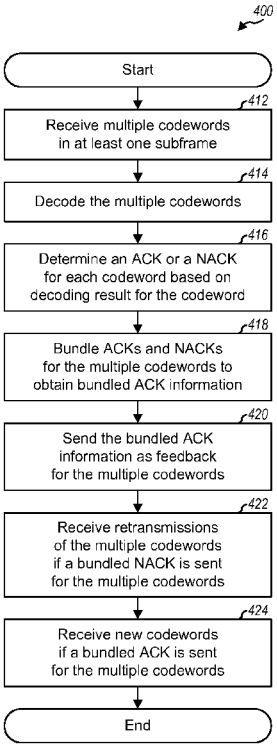

FIG. 4

(57) Abstract: Techniques for bundling acknowledgement (ACK) information in a wireless communication system are described. In one design, a user equipment (UE) may receive multiple codewords in at least one downlink subframe. The UE may decode the multiple codewords and determine an ACK or a negative acknowledgement (NACK) for each codeword based on decoding result. The UE may bundle the ACKs and NACKs for the multiple codewords to obtain bundled ACK information. In one design, the UE may generate (i) a bundled ACK if ACKs are obtained for all codewords or (ii) a bundled NACK if a NACK is obtained for any codeword. The UE may send the bundled ACK information as feedback for the multiple codewords. The UE may receive retransmissions of the multiple codewords if a bundled NACK is sent and may receive new codewords if a bundled ACK is sent.

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