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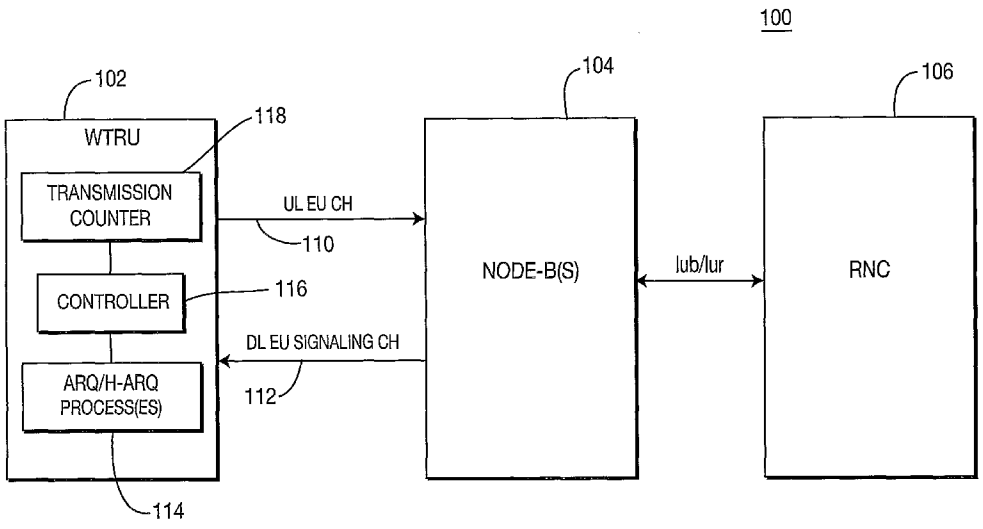
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(54) Title: METHOD AND APPARATUS FOR ASSIGNING HYBRID-AUTOMATIC REPEAT REQUEST PROCESSES



(57) Abstract: A method and apparatus for assigning automatic repeat request (ARQ)/hybrid-automatic repeat request (H-ARQ) processes in a wireless transmit/receive unit (WTRU) to support enhanced uplink (EU) data transmissions. After parameters associated with the ARQ/H-ARQ processes are configured, the WTRU assigns an ARQ/H-ARQ process for selected data. After transmitting the data, the WTRU determines whether feedback information for the data has been received. The WTRU releases the ARQ/H-ARQ process if an acknowledgement (ACK) message has been received, and retransmits the data if a non-acknowledgement (NACK) message or no feedback information has been received in a predetermined time period while incrementing a transmission counter in the WTRU. When an ARQ/H-ARQ transmission limit has been reached, the WTRU may discard the data or reinitiate the transmission. An ARQ/H-ARQ process assigned for transmission of lower priority data may be preempted for transmission of higher priority data when there is no available ARQ/H-ARQ process.

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