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(54) Title: METHOD AND APPARATUS FOR PERFORMING SIMULTANEOUS SIDELINK DISCONTINUOUS (DRX) AND UPLINK DRX IN NEW RADIO (NR) VEHICLE TO EVERYTHING (V2X)

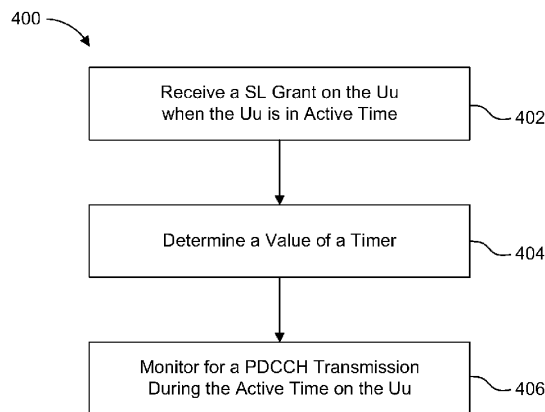


FIG. 4

(57) Abstract: Methods and apparatus for uplink DRX and sidelink DRX are disclosed. A WTRU may receive a configuration of a hybrid automatic repeat request (HARQ) round trip time (RTT) timer. The WTRU may start the HARQ RTT timer in response to an event. The event may comprise receiving a downlink control information (DCI) that schedules a sidelink transmission. The event may comprise transmission of a sidelink control information (SCI) for the sidelink HARQ process. The event may comprise receiving HARQ feedback for a sidelink transmission. The event may comprise a pre-configured time period following a physical sidelink feedback channel (PSFCH) resource for feedback associated with a HARQ transmission. The WTRU may determine a value of a timer based on a sidelink transmission property or a sidelink transmission time.

[Continued on next page]

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