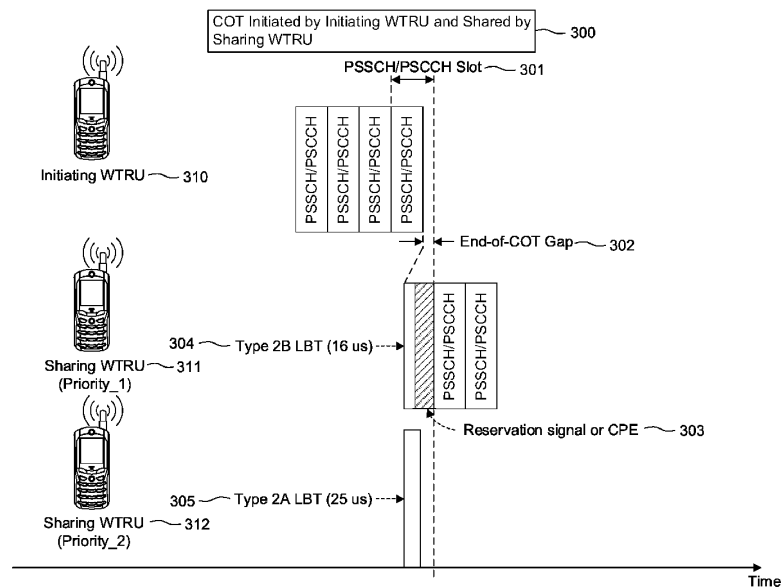




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(54) Title: METHODS FOR SIDELINK UNLICENSED CHANNEL ACCESS



(57) Abstract: There may be approaches for sidelink unlicensed (SL U) channel access in Mode 2. For example, a wireless transmit receive unit (WTRU) may perform SL U channel access and resource selection for channel occupancy time (COT) sharing and COT initiation within a resource selection window (RSW). The WTRU may detect COT and share based on control information, such as remaining duration, the number of scheduled transmission(s) within the COT, frequency resource assignment, priority, cast type, WTRU source and/or destination ID, COT/resource reservation, channel congestion, etc. The WTRU may determine SL COT initiation based on LBT and SCI sensing information including COT/resource reservation, priority, cast type, WTRU source and/or destination ID, channel congestion, etc. The WTRU may determine transmission resources within shared and initiated SL COT based on WTRU source and/or destination ID of a TB to transmit, RB interlace assignment indicated in decoded SCI associated with an overlapping

[Continued on next page]

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