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(54) Title: CONSISTENT LISTEN BEFORE TALK FAILURE RECOVERY PROCEDURE FOR SIDELINK OPERATION IN UNLICENSED BANDS

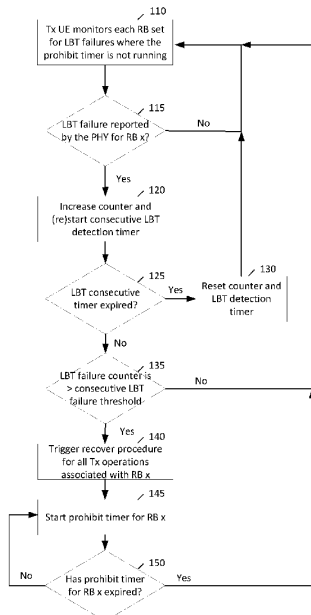


FIG. 1

(57) Abstract: Systems, methods, apparatuses, and computer program products for detecting consistent listen before talk failure cases and suitably recovering from such failure cases in the implementation of sidelink for unlicensed bands are provided. For example, a method can include monitoring a transmission resource pool in which the apparatus is operating. The transmission resource pool can include resource block sets, each of which can be monitored. The monitoring can be applied to resource block sets for which a prohibit timer is not running or is expired. The monitoring can be performed to detect listen before talk failures of the apparatus for each monitored resource block set of the plurality of resource block sets. The method can also include triggering or declaring a consistent listen before talk failure for the monitored resource block set when the count value of detected failures exceeds a threshold.

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