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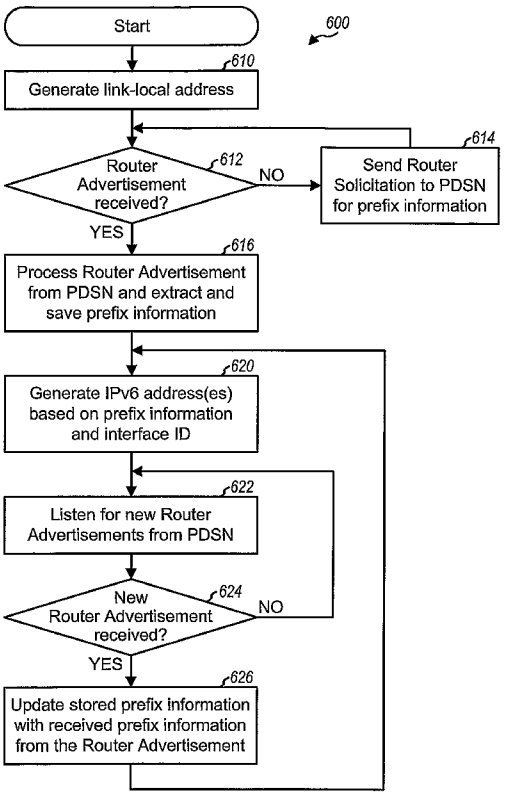
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(54) Title: METHOD AND APPARATUS FOR EFFICIENTLY USING AIR-LINK RESOURCES TO MAINTAIN IP CONNECTIVITY FOR INTERMITTENTLY ACTIVE WIRELESS TERMINALS



(57) Abstract: Techniques for minimizing dormant reactivations to receive IPv6 Router Advertisements are described. In a first scheme, a timer is used to trigger a wireless terminal to solicit a Router Advertisement. The timer is set to a threshold time period computed based on the current prefix lifetime. When the timer expires, a Router Solicitation is sent. In a second scheme, after the timer expires, a Router Solicitation is sent whenever the terminal is active. In a third scheme, a Router Solicitation is sent when the timer expires if solicitation is triggered and at any time thereafter whenever the terminal is active. In a fourth scheme, two timers are set to two threshold time periods. After the first timer expires, a Router Solicitation is sent whenever the terminal is active. When the second timer expires, a Router Solicitation is sent if solicitation is triggered by a predefined event or condition regardless of the terminals state.

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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