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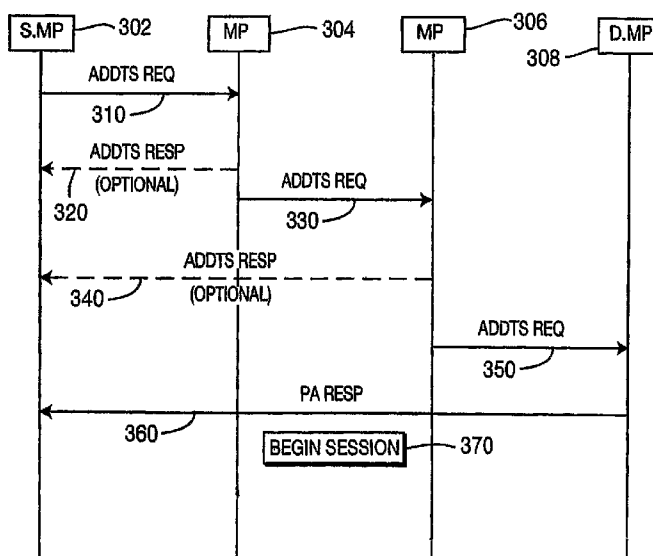
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(54) Title: METHOD AND APPARATUS FOR IMPLEMENTING PATH-BASED TRAFFIC STREAM ADMISSION CONTROL
IN A WIRELESS MESH NETWORK



(57) Abstract: A method and apparatus for implementing path-based traffic stream (TS) admission control in a wireless mesh network having a distributed and/or centralized admission control architecture is disclosed. When the wireless mesh utilizes distributed admission control architecture, a source mesh point (S.M.P) transmits a request for TS admission requiring certain resources/quality of service (QoS). The request propagates through the wireless mesh network until the destination mesh point (D.M.P) is reached and an admitted path is determined. If an intermediate mesh point (MP) is unable to meet the requested resources/QoS for the TS, the S.M.P is notified. When the wireless mesh network utilizes centralized admission control architecture, a S.M.P requests a route to the D.M.P from a central controller. The central controller maintains a status of MPs in the wireless mesh network, and selects a best route to handle the TS to satisfy the requested resources/QoS.

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