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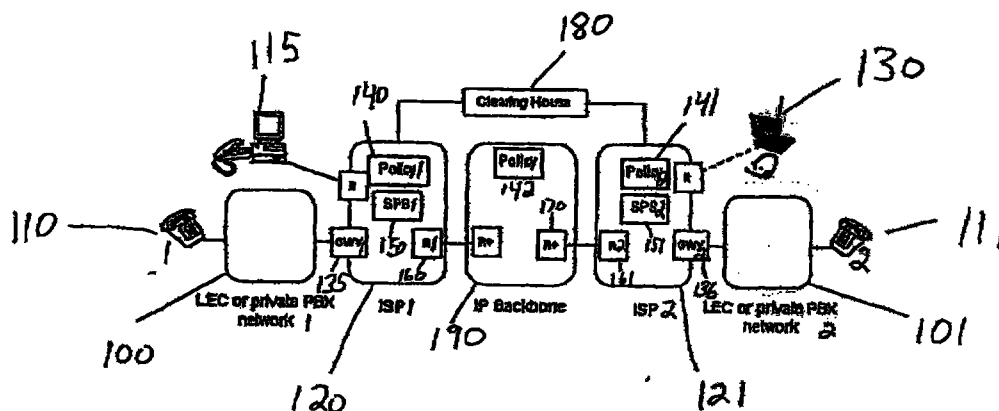
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(54) Title: METHOD FOR PROVIDING IP TELEPHONY WITH QoS USING END-TO-END RSVP SIGNALING



(57) Abstract: This invention relates to the field of Internet Protocol communications. More particularly, this invention is a method for setting up, authorizing, maintaining, and terminating an IP telephony session with quality of service across the Internet by combining session initiation protocol, resource reservation protocol, common open policy service, and open settlement protocol. The method of this invention allows an IP telephony session to benefit from all these protocols. With reference to the figure, an embodiment of this invention involves an SIP client (115, 130, 135, 136) that uses SIP and RSVP; SIP proxy servers (150, 151) that use SIP and COPS; policy servers (140, 141, 142) that use COPS and OSP; a clearing house server (180) that uses OSP; and several routers that use RSVP and COPS (e.g., 160, 161, 170).