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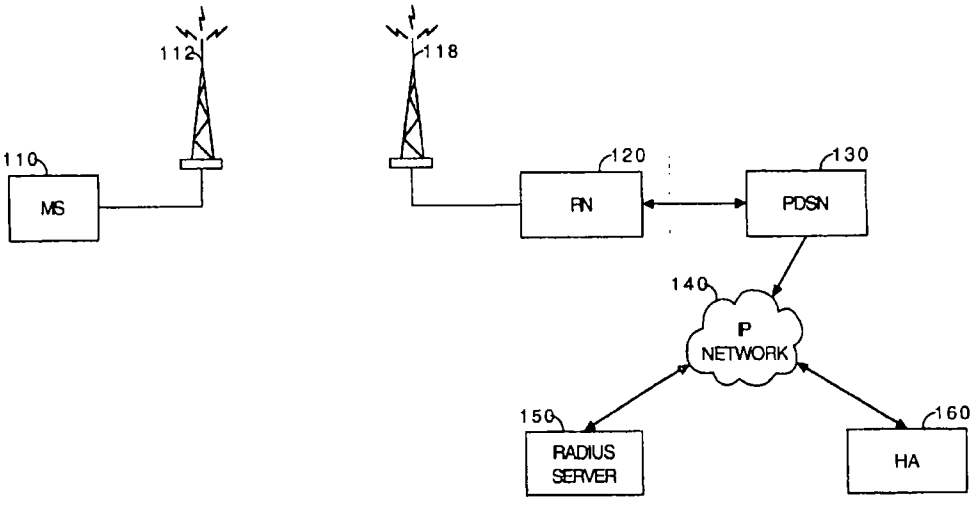
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(54) Title: METHOD AND APPARATUS FOR AUTHENTICATION IN A WIRELESS TELECOMMUNICATIONS SYSTEM



(57) Abstract: A method and apparatus for allowing a mobile station (110) in a wireless network to perform network authentication in association with mobile packet data services. The packet data serving node (PDSN) does not authenticate the mobile station with an authentication server prior to sending a CHAP success message. Rather, a mobile station is authenticated via an authentication server after the PDSN (130) receives an IPCP message indicating whether the mobile station desires to use Mobile IP in the current session. If the mobile station (110) desires to use Mobile IP, the PDSN (130) uses authentication techniques in accordance with Mobile IP protocols. In the preferred embodiment, if the mobile station (110) does not desire to use Mobile IP, the PDSN (130) authenticates the mobile station querying an authentication server with the buffered contents of a previously received CHAP challenge response.

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