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(54) Title: HOME BASE STATION

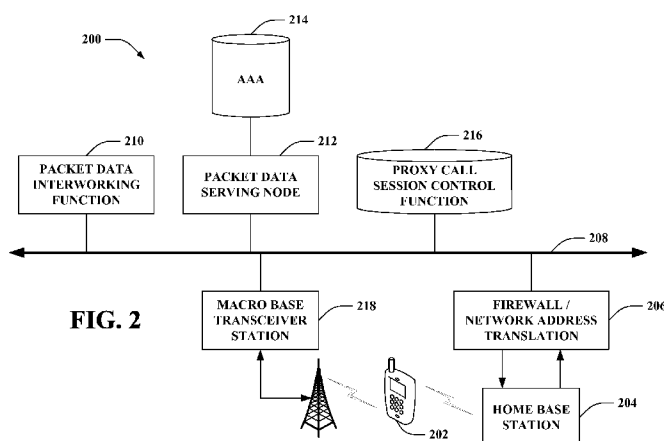


FIG. 2

(57) Abstract: Systems and methodologies are described that effectuate establishment of an IPSec tunnel for utilization in a wireless communication environment. IPSec establishment procedures on home base stations can be used to establish IPSec tunnels between home base stations situated on open access sectors of wireless communication environments and packet data interworking function components positioned at the contiguity of secured segments of the wireless communication environments. Moreover, high rate packet data point-to-point protocol challenge-handshake authentication protocols can be directed through the IPSec tunnels to facilitate authentication of access terminals associated with the home base stations in order to facilitate further communications with components dispersed within secure areas of wireless communication environments. Further, international mobile subscriber identities (IMSI) affiliated with access terminals associated with home base stations can be used to identify packet data serving nodes with which to establish communications between home base stations and packet data serving nodes.

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