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(54) **Title:** DYNAMIC GATEWAY SELECTION BASED ON DATA SERVICE AND ROAMING PROTOCOL

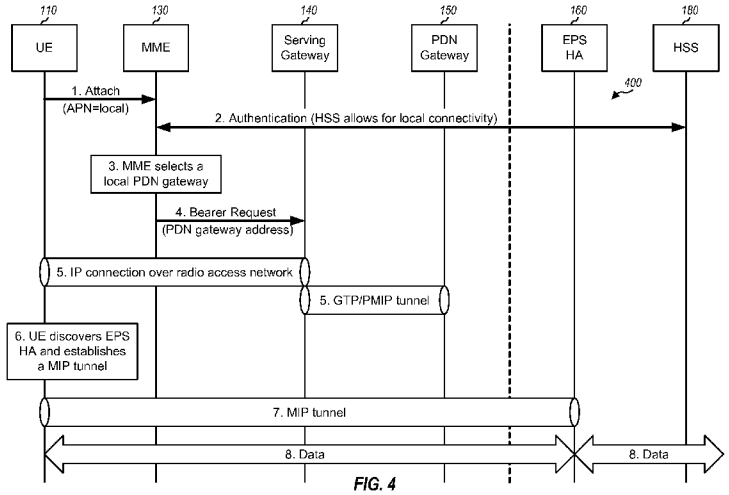


FIG. 4

(57) **Abstract:** Techniques for supporting roaming in wireless communication networks are described. In one design, an access point name (APN) and a preferred roaming protocol for a user equipment (UE) roaming from a home network to a visited network may be obtained. The APN may be associated with a data service requested by the UE. The preferred roaming protocol may be GPRS Tunneling Protocol (GTP), Mobile Internet Protocol (MIP), Proxy Mobile Internet Protocol (PMIP), etc. A suitable network entity to provide data connectivity for the UE may be determined based on the APN and the preferred roaming protocol. In one design, the network entity may be (i) a packet data network (PDN) gateway in the home network if the preferred roaming protocol is GTP or (ii) a home agent in the home network if the preferred roaming protocol is PMIP or MIP.

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