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- (54) **Title:** SYSTEM AND METHOD FOR MULTI-TIER NETWORK REPOSITORY FUNCTION

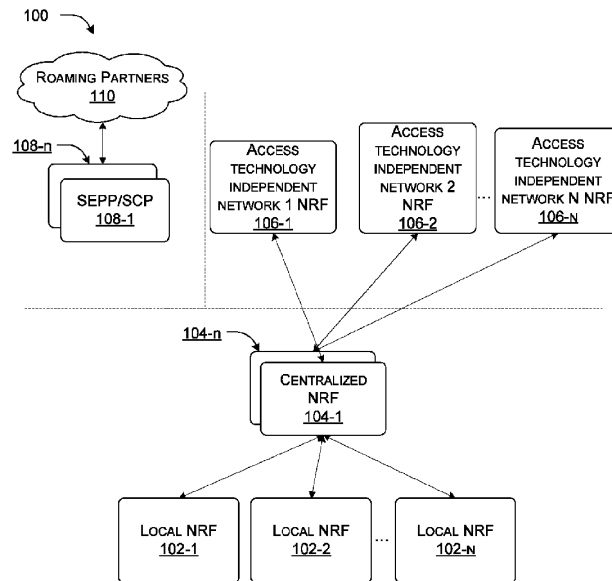


FIG. 1

- (57) **Abstract:** The present disclosure relates to a network repository function architecture for a telecommunication network. The telecommunication network includes a multi-tiered network repository function (NRF) architecture serving one or more network functions (NFs) associated with the telecommunication network, where the multi-tiered NRF includes a centralized NRF associated with one or more local NRFs, wherein at least one of the one or more local NRFs receives a NF service request associated with a serving public land mobile network (PLMN), determines whether the NF service request is processed by the local NRF, and forwards the NF service request to the centralized NRF based on the local NRF being unable to process the NF service request.

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