

Abstract

METHOD AND APPARATUS FOR PERFORMING POSITION DETERMINATION
WITH A SHORT CIRCUIT CALL FLOW

For a call flow to perform position determination, a network (100) sends to a user equipment (UE) (120) an indication (e.g., a request for permission) to perform a position fix for the UE (120). The UE (120) responds by sending to the network an acknowledgment (e.g., a grant of permission) to perform the position fix. The UE (120) selectively sends a position estimate for itself to the network (100), typically along with the acknowledgment. The network (100) may initiate location processing if (1) a position estimate is not received from the UE (120) or (2) a position estimate is received from the UE (120) but the network (100) decides not to use this position estimate. In this case, the network (100) and the UE (120) perform location processing to obtain a position fix for the UE (120). However, if a position estimate is received from the UE (120) and the network (100) decides to use the position estimate, then the location processing is bypassed or short circuited.

Figure 1