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(54) **MANAGING LOCAL SENSOR DATA BASED ON PROFILE INFORMATION**

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(57) **ABSTRACT**

Aspects of the present disclosure correspond to managing premises by processing input data, such as the appliance's operational and usage profiles and/or individual's health and behavior profile. One aspect of the present disclosure related monitoring aspect based on processing the appliance's operational and usage profiles. For example, the appliance's operational parameters together with sensor data associated with the appliances can be utilized to monitor the premises. Another aspect of the present disclosure related to generating command instructions for the individual (e.g., premise user) based on the individual's health and behavior profile. For example, the usage of the appliances can provide to the individual one or more commanding instructions based on the individual's health and behavior profile.

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START PREMISES MONITORING ROUTINE

402 OBTAIN COLLECTED SENSOR DATA

404 PROCESS RECEIVED SENSOR DATA

406 IDENTIFY ONE OR MORE APPLIANCE POWER AND CONTROL PROFILES

408 PROCESS COLLECTED SENSOR DATA ACCORDING TO APPLICANCE POWER AND CONTROL PROFILES

410 GENERATE PROCESSING RESULTS

412 TRANSMIT PROCESSING RESULTS

414 END