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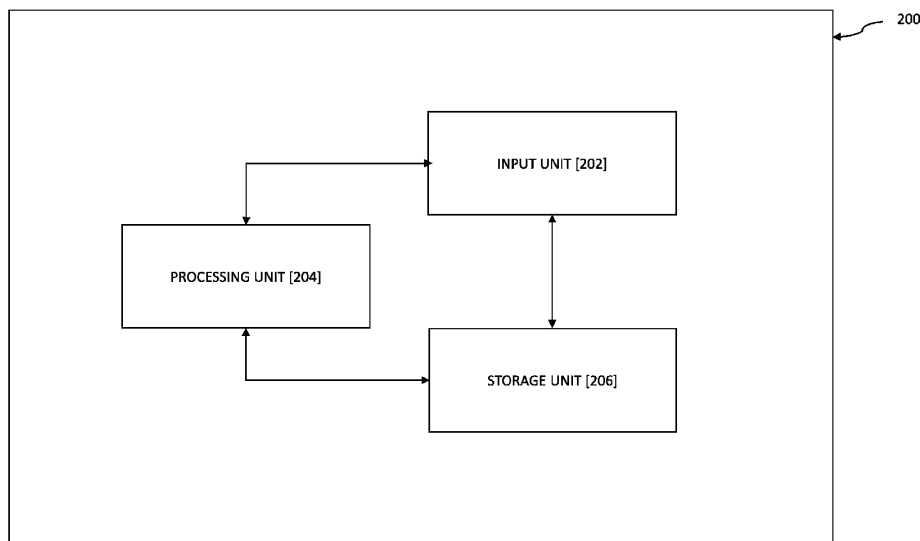


FIGURE 2

(57) Abstract: The present disclosure relates to method and system for determining an optimal location and optimal size of an electric vehicle charging station (EVCS). The method comprises: receiving, by an input unit [202], at least a name of a geographical region; receiving, by a processing unit [204], a geographical data associated with the geographical region. Then, identifying, by the processing unit [204], at least a potential charging station location and a point of interest location at least for determining, via a data fusion module, an updated geographical data associated with the geographical region. Then, determining, a demand centre associated with the geographical region based on at least one of the geographical data and the updated geographical data. Then, identifying, candidate locations associated with the demand centre and thereafter determining, using optimization techniques, the optimal location and size of the EVCS based on the candidate locations and EVCS parameters.

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