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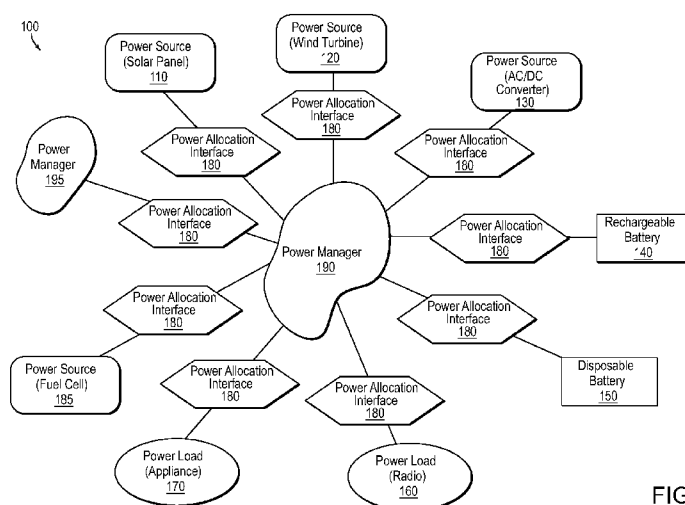


FIG. 1

(57) Abstract: A method for operating a power manger having a plurality of device ports for connecting with external power devices and a power bus for connecting with each device port. The method includes the steps of: accessing information from each external power device connected to one of the plurality of device ports, characterizing each external power device as one of a power load, a power or energy source and a rechargeable energy source and if no rechargeable energy sources are connected, associating external devices characterized as power loads with a power allocation interface, associating external devices characterized as power or energy sources with a source allocation interface, calculating a total power available from the source allocation interface, allocating the total power available to the power allocation interface, and connecting as many power loads to the power bus as can be powered by the total power available.



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