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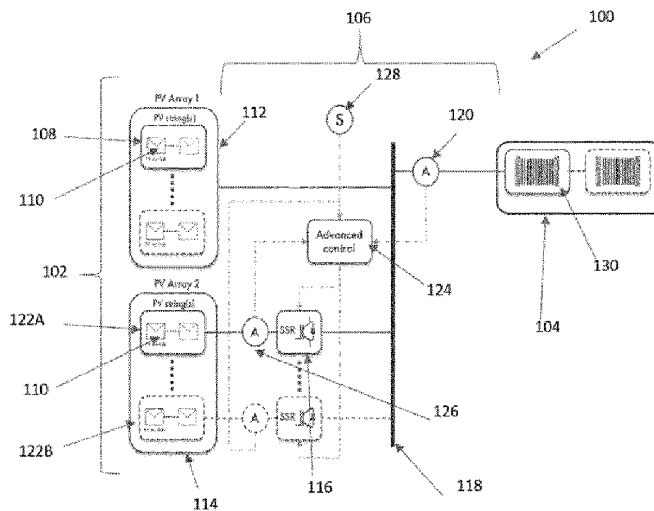


FIG. 1

(57) Abstract: A method is provided for directly providing electrical power from a photovoltaic (PV) installation to electrical consumer. The method comprises (a) providing electrical power from the PV installation directly to the electrical consumer, where the PV installation comprises a first portion and a second portion; (b) determining whether current (I) output of the PV installation is below a threshold; and (c) if it is below the threshold, connecting at least one segment of the second portion of the PV installation to the electrical consumer; or (d) if it is determined that the current (I) output of the PV installation exceeds the threshold, disconnecting at least a connected segment of the second portion of the PV installation from the electrical consumer; and repeating steps (b) through (d) to maintain the current (I) output of the PV installation within a range of the threshold.

[Continued on next page]

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