

Is there a patent for grid-connected inverters for ground communication base stations

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A new class of DC-AC inverter consists of a buck or two buck converters and two or four low frequency switches, and it achieves ultra-high efficiency, reactive power flow capability, small ...

A grid access current control method without a current sensor applicable to a grid-connected inverter, wherein the method relates to a system including a main circuit of the grid-connected inverter and a ...

An electrical DC-to-AC power conversion apparatus is disclosed that is primarily intended for use with solar photovoltaic sources in electric utility grid-interactive applications. The...

A grid-connected inverter for feeding current via a transformer into an electric power grid includes an output bridge arrangement that is actuated via a pulse width modulator, wherein a...

While operating under such islanded situations, there are several important aspects to be considered. Firstly, inverters connected in the island may have varying capacities. Secondly,...

The present invention relates to a grid-connected inverter apparatus for interconnecting a power generation equipment and a grid power system (grid) and also to a method of controlling the ...

Another embodiment of the invention is a smart inverter power system comprising a gateway, an exchange, and a power inverter configured to push power into a utility grid.

System, method, and apparatus for ac grid connection of series-connected inverters Download PDF

A system includes an uninterruptible power supply and a grid-tie inverter, connected to batteries via double conversion of high quality DC power sources.



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