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(54) Title: CONNECTION FOR IMPROVED CURRENT BALANCING BETWEEN PARALLEL BRIDGE CIRCUITS

(57) Abstract: A connection for parallel bridge circuits in a power converter is provided. In particular, a power converter can be used to provide a desired power to a load, such as a generator, motor, electrical grid, or other suitable load. The power converter can include a plurality of bridge circuits coupled in parallel. A bridge output of each of the parallel bridge circuits can be coupled together at the load instead of at the power converter. In particular, the parallel bridge circuits can be coupled together at a location that is physically proximate the physical location of the load, such as at a plurality of terminals associated with the load. By doing so, stray inductance associated with conductors used to couple the bridge outputs of the parallel bridge circuits to the load can be effectively coupled between the parallel bridge circuits.

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