

ABSTRACT

NOISE MITIGATION IN WIRELESS POWER SYSTEMS

A wireless power system includes an electrically-balanced inductor in a transmitter device and an electrically-balanced inductor in a receiver device. The electrically-balanced
5 inductors can be formed by introducing crossovers between radially-adjacent portions of two separate turns of each inductor. The crossovers balance the electric field generated by the transmitter device when transferring power to the receiver device.

FIGURE 6E