



(54) **METHOD OF WIRELESS POWER
TRANSFER THROUGH A MEDIUM**

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(57) **ABSTRACT**

There is provided a method of wireless power transfer through a medium. The method comprises controlling an input voltage of an inverter of a transmitter of a wireless power transfer system based on a detected parameter. The method further comprises generating, via the transmitter, a field for transferring power wirelessly through a medium to a receiver of the wireless power transfer system based on the input voltage. Other methods are also provided. There is also provided a controller, system, and transmitter for wirelessly transferring power through a medium.

