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(54) **COMMUNICATION METHOD FOR WIRELESS POWER TRANSFER SYSTEM**

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(57) **ABSTRACT**

There is provided a method of communicating between a receiver of a wireless power transfer system and a transmitter of the wireless power transfer system. The receiver comprises a synchronous rectifier. The method comprises modifying operation of a synchronous rectifier of a receiver of a wireless power transfer system. The method further comprises detecting a parameter change at a transmitter of the wireless power transfer system based on a modification of the operation of the synchronous rectifier. The method further comprises determining data communicated from the receiver to the transmitter based on the parameter change.

