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(54) Title: MAGNETIC INDUCTION TOMOGRAPHY-BASED FOD, LOD, AND ALIGNMENT

(57) Abstract: An object detection system for a wireless electric vehicle charging system, configured to produce a computationally generated profile and/or detect possible presence and/or determine the identity and/or characteristics of a foreign (e.g. metal) and/or living object using magnetic induction tomography at a frequency that is spectrally distanced from an operating frequency of the charging system and/or from about 1 MHz to about 10 MHz.

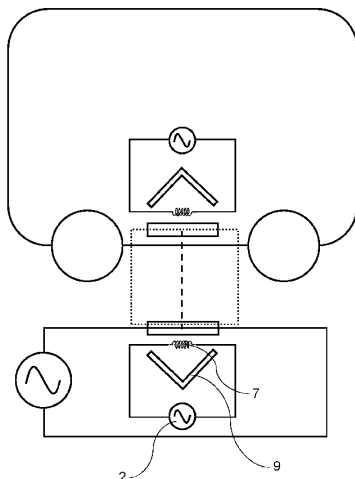


FIG. 2

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