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(54) Title: ADDITIVE MANUFACTURED REACTIVE BEAMFORMER

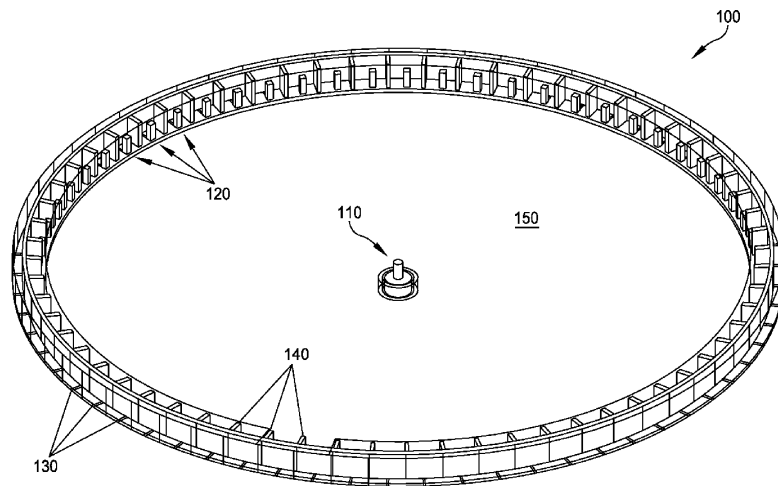


FIG. 1

(57) Abstract: A reactive beamformer includes a radiator disposed within a substrate and configured to radiate a received electromagnetic signal, a plurality of receptors disposed within the substrate, each of the plurality of receptors configured to receive a portion of the radiated electromagnetic signal, and a plurality of signal lines. Each signal line of the plurality of signal lines is coupled to a respective receptor of the plurality of receptors to convey the portion of the radiated electromagnetic signal from the respective receptor and to provide the portion of the radiated electromagnetic signal to an output.

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WO 2019/222474 A1

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