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(54) **Title:** ARRAYS FOR DELIVERING TUMOR TREATING FIELDS (TTFIELDS) WITH INDIVIDUALLY ACCESSIBLE ELECTRODE ELEMENTS AND TEMPERATURE SENSORS

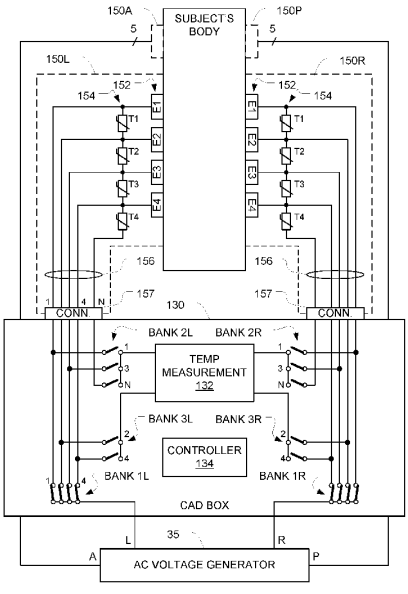


FIG. 6

(57) **Abstract:** Tumor treating fields (TTFields) can be delivered to a subject's body at higher field strengths by switching off one or more electrode elements in a transducer array that are overheating. This may be accomplished by using thermistors that sense the temperature of each electrode element. Portions of the wiring of each transducer array is shared between the electrode elements and the thermistors by using a plurality of conductors, each of which electrically connects (a) a pin of a connector, (b) a respective electrode element, and (c) a respective thermistor. In some embodiments, all of the thermistors are wired in series. In other embodiments, all the thermistors share a common connection.

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