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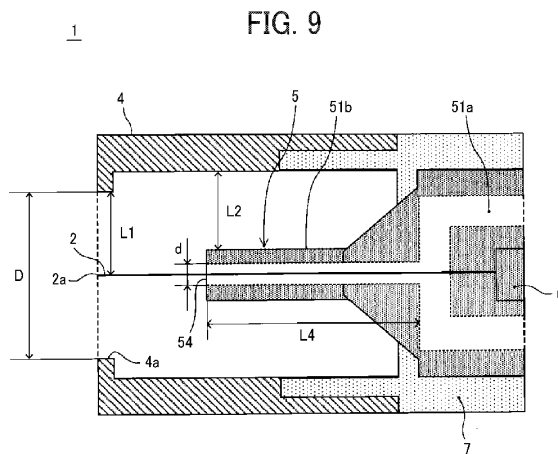
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(54) Title: IONIZATION DEVICE, ION DETECTION APPARATUS, AND GAS ANALYSIS APPARATUS



(57) Abstract: An ionization device includes a pair of electrodes and a channel tube. A pair of electrodes generate a discharge region. A gas flows through the channel tube. The pair of electrodes include a first electrode and a second electrode. The second electrode is annularly disposed around a tip of the first electrode. A diameter of a gas outflow port of the channel tube through which the gas flows to the discharge region is smaller than a diameter of the second electrode.

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