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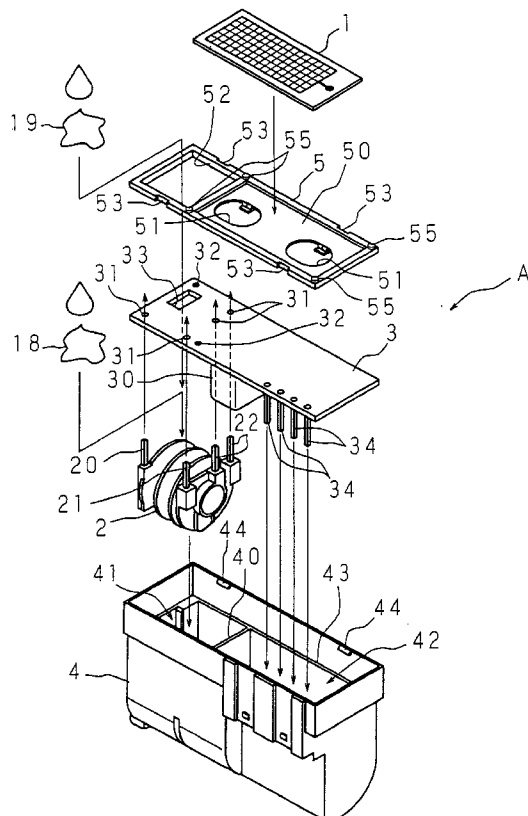
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(54) Title: ION GENERATOR, AND ELECTRIC APPARATUS AND AIR CONDITIONING APPARATUS INCORPORATING THE SAME



(57) Abstract: A booster coil is stored in a coil storing room provided in the bottom section of a common case having an opening on one side, and is insulation-molded with a filler. A circuit substrate is inserted into the common case and supported by a supporting edge which is provided circumferentially at the middle of an inner wall of the common case. An ion generating element is held on a lid plate for closing the opening of the common case and mounted on the outer surface of the common case together with this lid plate, and the space between the circuit plate and the ion generating element is insulation-molded with a filler. An ion generator including the ion generating element and the booster coil and circuit substrate for generating a driving voltage is constructed in a compact size so as to enable the ion generator to be readily used in a wide range of applications.

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