

ABSTRACT

Current feed control circuit and electronic appliance using the same

The constitution comprises a heater 2 used as current receiving element, a thyristor 3 placed in the current travelling route of the heater 2, a series connection circuit of a capacitor 4 and diode 5 for control power source connected parallel to the thyristor 3, a Zener diode 9 as a constant voltage element connected to the gate of the thyristor 3, and a control circuit 6 connected parallel to the capacitor 4, with its control terminal connected to the gate of the thyristor 3, whereby a specified control voltage determined by the Zener voltage of the Zener diode 9 is obtained at the first capacitor 4 by the control of the thyristor 3, so that the transformer for stepping down the supply voltage is not necessary.

(Fig. 1)