

ABSTRACT
GAS NOZZLE OF BURNER
FOR COOKING APPLIANCE

[Problems]

In a gas nozzle of a burner (2) for cooking appliance including: a nozzle main body (30) having a nozzle hole (31) for emitting a fuel gas toward an inlet portion (21a) of a mixing tube (21) of the burner for cooking appliance; and a cylindrical portion (32) protruded from the nozzle main body (30) in an axial direction, the cylindrical portion (32) having a plurality of suction holes (33) for primary air, formed therethrough at a circumferential distance from one another. The volume of the primary air is made to be finely and delicately adjustable.

[Solving Means]

A clearance in the axial direction is secured between an axial tip of the cylindrical portion (32) and the inlet portion (21a) of the mixing tube (21) in a manner to allow for suction of the primary air into the inlet portion (21a) of the mixing tube (21). The gas nozzle further includes a damper sleeve (34) which is rotatably inserted onto an outer surface of the cylindrical portion (32). The damper sleeve (34) has a plurality of air adjusting holes 35 formed therethrough at a circumferential distance from one another. The degree of overlapping of each of the air adjusting holes (35) with each of the suction holes (33) varies with rotation of the damper sleeve 34, thereby adjusting the degree of opening of each of the suction holes (33).

Selected Figure: FIG. 2