

## **CONCENTRIC BURNER**

### ABSTRACT

A concentric burner having an inner burner, an outer burner, and a flame transfer slit (26) formed in the top wall (23c) of an outer burner cap (23), wherein the middle portion of the flame transfer slit is formed as a flame transfer groove portion (26b), the bottom of which is closed.

5 Further, a protrusion (27) is formed on the lower surface of the top wall (23c) of the outer burner cap (23), and the flame transfer groove portion (26b) is formed by being depressed into the protrusion. Further, a depression (28) is formed in the inner circumferential surface of the side wall (23a) of the outer burner cap (23), wherein the outside end of the protrusion (27) is placed in the

10 depression (28) with gaps defined between them, and the outside end (26a) of the flame transfer slit (26) is formed so as to communicate with the depression (28).

[Fig. 3]