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(54) Title: FLUID BURNER HEAD AND USE OF FLUID BURNER HEAD

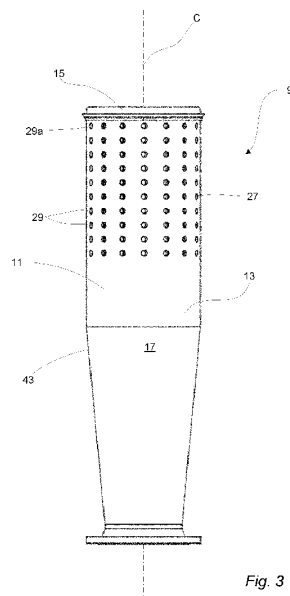


Fig. 3

(57) Abstract: A fluid burner head (9) for a fluid combustion unit (1), and a use of a fluid burner head (9) in a fluid combustion unit (1), are provided. The fluid burner head (9) comprises a body (11) which in turn comprises a hollow tube (13) for conveying a fluid to be combusted into a combustion chamber (5) and a cap (15) which at least partly closes an upper end (25) of the tube (13). A wall (17) of the tube (13) comprises a plurality of rows (29) of holes (27), which rows (29) extend around a longitudinal center axis (C) of the fluid burner head (9). The holes (27) permit a flow of the fluid to be combusted from an interior (49) to an exterior (51) of the tube (13). The fluid burner head (9) is characterized in that it further comprises an annular first projection (39) extending around the longitudinal center axis (C) of the fluid burner head (9). The first projection (39) projects obliquely upwards from an outer surface (43) of the body (11), above an uppermost row (29a) of holes (27) of the tube (13), with an angle α relative to the longitudinal center axis (C) of the fluid burner head (9), wherein $0 < \alpha < 90$ degrees.

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