

Title (en)
BURNER FOR LIQUID FUEL AND BOILER EQUIPPED WITH SUCH A BURNER

Publication
EP 0210878 B1 19880831 (FR)

Application
EP 86401211 A 19860605

Priority
FR 8508620 A 19850607

Abstract (en)
[origin: EP0210878A1] 1. A sprayer device for liquid fuel comprising a hollow head (1, 1a) intended to be fixed by one end on a boiler wall (2) or the like in the region of an orifice in this wall and comprising, in the interior, at least one jet which opens towards the boiler and which also comprises an assembly (6, 6a) for the supply of air for combustion and of liquid fuel, the head (1, 1a) comprising, in its peripheral wall, a longitudinal opening (13, 13a) on whose sides there is removably fixed a plate (14, 14a), the jet or jets (4, 5 : 4a, 5a) being mounted on said plate by fixing means (F) allowing adjustment of the jet or jets substantially in the direction of the axis (A) of the head, characterized in that the fixing means (F) for fixing the jet or jets on the plate (14, 14a) comprise an opposing plate (29, 29a) on which the jets (4, 5 ; 4a, 5a) are fixed, said opposing plate (29, 29a) itself being fixed adjustably in a direction parallel to the axis (A) of the head, relative to the plate (14, 14a), and in that the jet or jets (4, 5) are positioned radially by a centering star (39, 39a) and that a deflector (46, 46a) is fixed on the centering star (39, 39a), this deflector defining an annular space (50) for the passage of the air, the adjustment of the longitudinal position of the jets (4, 5) along the axis (A) causing a modification in the passage section of the annular space (50) and an adjustment in the flow of air for combustion.

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