

Title (en)
COMBUSTOR AND GAS WATER HEATER HAVING SAME

Title (de)
BRENNKAMMER UND GASWASSERHEIZER DAMIT

Title (fr)
CHAMBRE DE COMBUSTION ET CHAUFFE-EAU À GAZ DOTÉ DE CELLE-CI

Publication
EP 3460325 A1 20190327 (EN)

Application
EP 17873938 A 20170331

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Abstract (en)
A burner and a gas water heater with the burner are provided. A burner casing defines a lean burning opening. A flow-adjustment device (14) arranged in the lean burning opening and provided with a plurality of lean burning flame ports (141). A first blind passage (116) and a second blind passage (117) are defined between the flow-adjustment device (14) and two side walls of the lean burning opening respectively. A maximum width of the first blind passage (116) and a maximum width of the second blind passage (117) are equal and denoted by W2, and a maximum width of the first rich burning flame port (118) and a maximum width of the second rich burning flame port (119) are equal and denoted by W1, in which W2#¥W1.

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