

Title (en)

EXHAUST NON-RETURN AND SUPPRESSOR VALVE

Title (de)

AUSPUFF-RÜCKSCHLAG- UND -UNTERDRÜCKVENTIL

Title (fr)

SOUPAPE D'ÉCHAPPEMENT, ANTI-RETOUR ET DE SUPPRESSION

Publication

EP 4381232 A1 20240612 (EN)

Application

EP 22744784 A 20220726

Priority

- EP 21190096 A 20210806
- EP 2022070942 W 20220726

Abstract (en)

[origin: EP4130573A1] Valve (1) for a combustion appliance (2), in particular for a gas boiler, comprising a housing (3) having an inlet opening (5), an outlet opening (6) and a valve seat (7) located between the inlet opening (5) and the outlet opening (6), and a valve body (8) movable in the valve seat (7), wherein the valve body (8) is movable in a first position, in which the valve (1) is open based on a gas flow in the housing (3) entering from the inlet opening (5), in a second position, in which the valve (1) is closed based on a condition of absence of gas flow in the housing (3), and in a third position, in which the valve (1) is locked based on a pressure wave in the housing (3) entering from the outlet opening (6), in particular when a flashback occurs in the combustion appliance (2).

IPC 8 full level

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CPC (source: EP)

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