

Title (en)

BACKFLOW PREVENTION VALVE OF A GAS BURNER APPLIANCE AND ASSEMBLY COMPRISING THE BACKFLOW PREVENTION VALVE

Title (de)

RÜCKFLUSSVERHINDERUNGSVENTIL EINER GASBRENNERVORRICHTUNG UND ANORDNUNG MIT DEM RÜCKFLUSSVERHINDERUNGSVENTIL

Title (fr)

VALVE ANTI-REFLUX D'UN BRÛLEUR À GAZ ET ENSEMBLE COMPRENANT LA VALVE ANTI-REFLUX

Publication

**EP 3748229 B1 20240515 (EN)**

Application

**EP 19177940 A 20190603**

Priority

EP 19177940 A 20190603

Abstract (en)

[origin: EP3748229A1] Backflow prevention valve (20) of a gas burner appliance. The valve comprises a support structure (28) provided by a fan module housing (16) of the gas burner appliance, wherein said support structure (28) defines at least partially a gas/air mixture outlet (22) to be opened and closed by the valve (20). The valve comprises a valve body (29), wherein said valve body (29) comprises a valve flap section (29a) acting together with a valve seat (31) provided by the support structure (28), a valve mounting section (29b) and valve hinge sections (29c) through which the valve flap section (29a) is connected to the valve mounting section (29b). The valve comprises a mounting bracket (30) for mounting the valve body (29) at the support structure (28) in such a way that the valve mounting section (29b) of the valve body (29) is sandwiched between the support structure (28) and the mounting bracket (30), wherein the support structure (28) comprises posts (32) being an integral part of the support structure (28), wherein said posts (32) act together with recesses (33) of the mounting bracket (30) in such a way that the posts (32) penetrate through the recesses (33) and mount the mounting bracket (30) and thereby the valve body (29) at the support structure (28).

IPC 8 full level

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CPC (source: EP)

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