

Title (en)
Discharge structure for closed gas appliances

Title (de)
Abfuhraufbau für geschlossene Gasheizgeräte

Title (fr)
Structure d'évacuation pour appareils étanches à gaz

Publication
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Application
EP 94203152 A 19941031

Priority
NL 9302032 A 19931124

Abstract (en)
[origin: NL9600005A] Modular outlet structure for closed gas appliances with an inner end and an outer end, comprising: an outer tubular casing; an inner gas-discharge pipe, which is positioned inside the casing in order, with the casing, to define an annular supply line for combustion air; a combustion-air feed hood, which forms a connection between the outside air and the annular feed line, and a combustion-gas discharge hood, which forms a connection between the outside air and the gas discharge pipe, in the vicinity of the outer end thereof, and which is located further from the inner end of the outlet structure than the combustion-air feed means; the combustion-air feed means comprises a feed hood which, together with the tubular casing, forms a main passage which extends between the outside air and the annular line, the hood containing a bleed passage which forms a short-circuit between the main passage and the outside air.

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Cited by
EP0809074A1; CN108442650A; NL1017653C2; EP0801266A3; EP0762054A1; NL1001077C2; NL1012369C2; NL1003203C2; CN102383581A; CN102383580A; WO0077454A1

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