

Title (en)
Ice-free discharge structure

Title (de)
Eisbildungsfreier Abfuhraufbau

Title (fr)
Structure d'evacuation sans formation de givre

Publication
EP 0809074 B1 20030312 (EN)

Application
EP 97201419 A 19970523

Priority
NL 1003203 A 19960524

Abstract (en)
[origin: EP0809074A1] Discharge structure for an outlet structure of a gas discharging apparatus, such as a heating system, in particular a heating boiler comprising a gas discharge pipe (4), means (7) for screening the outlet of the gas discharge pipe and means (6) for collecting condensation coming from the screening means, in which at least near the outlet of the gas discharge pipe means (26) are provided for guiding and passing condensation from the collecting means to the inside of the gas discharge pipe, the screening means comprising a cover plate (8) placed above the outlet of the gas discharge pipe, further comprising condensation discharging means comprising a number of circumferentially arranged bars (18) or strips that surround the outlet and a downstream area thereof in radially outward direction and extend with a component in the pipe direction and that are in discharging liquid communication with the collecting means. <IMAGE>

IPC 1-7
F23L 17/02; **F23L 17/14**

IPC 8 full level
F23L 17/02 (2006.01); **F23L 17/14** (2006.01)

CPC (source: EP)
F23L 17/02 (2013.01); **F23L 17/14** (2013.01)

Cited by
JP2015068551A; EP1243856A1; NL1017653C2

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EP 0809074 A1 19971126; **EP 0809074 B1 20030312**; DE 69719600 D1 20030417; DE 69719600 T2 20040408; NL 1003203 C2 19971125

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