

Title (en)

DEVICE FOR CONTROLLING FUME-WITHDRAWAL, PARTICULARLY FROM GAS- OR OIL-FIRED BOILERS

Publication

EP 0298946 A3 19900404 (DE)

Application

EP 88890131 A 19880601

Priority

AT 142887 A 19870605

Abstract (en)

[origin: EP0298946A2] The device has a tubular housing (1) which can be built into the withdrawal line between boiler and chimney and which receives a fume flap (2) for shutting off the withdrawal line and, connected after the fume flap, an air flap (3) for chimney ventilation. Fume flap (2) and air flap (3) can in this connection be operated in opposite directions via a servomotor (4), which can be driven depending upon the heating operation, and an adjusting linkage (6, 7). In order to be able to accommodate all control and safety devices of a fume take-off in a simple and compact manner and to install them economically, the air flap (3) is connected non-positively to the adjusting linkage (7) by a spring or weight load which acts in the direction of closing, and the tubular housing (1) preferably forms an additional flap chamber (11) for a spring-loaded or weight-loaded draught control flap (13) known per se. <IMAGE>

IPC 1-7

F23L 13/02; F23L 11/00

IPC 8 full level

F23L 13/02 (2006.01)

CPC (source: EP)

F23L 13/02 (2013.01)

Citation (search report)

- [X] DE 3107978 A1 19820916 - KUTZNER LUITPOLD [DE]
- [Y] DE 3107977 A1 19820916 - KUTZNER LUITPOLD [DE]
- [X] DE 3003664 A1 19810806 - INTERPROJEKT S A [LU]
- [A] US 1572687 A 19260209 - HENRY SCHMELZ

Cited by

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Designated contracting state (EPC)

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