

Title (en)

DEVICE FOR EVACUATING COMBUSTION GASES AND FOR SUPPLYING FRESH AIR FOR GAS APPARATUSES OF THE GAS-TIGHT TYPE

Publication

EP 0016700 B1 19830615 (FR)

Application

EP 80400351 A 19800317

Priority

FR 7907117 A 19790321

Abstract (en)

[origin: EP0016700A2] 1. Device for evacuation of burnt gas and admission of fresh air for sealed gas type heating apparatuses comprising two orientable concentric conduits of which an interior conduit is connected to a vertical flue for evacuation of burnt gases eccentrically with respect to the heating body and constituted by the upper part of a canopy having a profile in the shape of an L, and of which an outer conduit defines with the interior conduit an annular space for admission of fresh air into the sealed enclosure of the apparatus by means of an air distribution box, the seal being ensured by an outer cap, characterised by the fact that the air distribution box (15) of small thickness and of parallelepipedal form is fixed horizontally at the top of said flue (12), in that it substantially closes all of the upper face of the sealed chamber, equivalent to the base surface of the canopy thus providing an interior space in which is disposed the extraction fan (5) whose outlet passage passes through the distribution box and in that it is provided on its lower wall with orifices (17) for air flow.

IPC 1-7

F23L 17/04; F24H 9/00; F24H 1/00; F24C 15/00; F23L 17/00

IPC 8 full level

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CPC (source: EP)

F23L 17/005 (2013.01); **F23L 17/04** (2013.01); **F24C 15/002** (2013.01); **F24H 1/0036** (2013.01); **F24H 9/0005** (2013.01)

Cited by

EP1180644A3; EP0205240A3; EP1241408A1; GB2210449A; ITAN20130237A1; CN105814372A; RU2647741C1; WO2015087119A1

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