

Title (en)

Air and exhaust gas duct suitable for the active cleaning of the outer surface of a roof

Title (de)

Vorrichtung zur Luft- und Abgasführung zur aktiven Reinhaltung der Dachoberfläche

Title (fr)

Conduite d'air et de fumées adaptée au nettoyage actif d'une toiture

Publication

EP 1275902 B1 20071017 (DE)

Application

EP 02015798 A 20020715

Priority

DE 10134236 A 20010713

Abstract (en)

[origin: EP1275902A2] Device for guiding air and exhaust gas, especially for a gas-heated heat-generating device, comprises at least one exhaust gas pipe (2) and at least one, preferably concentric, air inlet pipe (3). At least the surfaces of the device exposed to exhaust gas and/or weathering are at least partially coated or made of a material, especially a ceramic or copper-containing material, which is inert to the combustion air and/or exhaust gas. An Independent claim is also included for the use of a gas-guiding device, especially an exhaust gas pipe, coated with a ceramic or copper-containing material as an insert in or attachment on an air- and exhaust gas-guiding device. Preferred Features: Wind and weather protection (5) is provided in the form of at least one gas-guiding device guaranteeing spatial separation of the inlet air and exhaust gas flows. At least part of the device is made of sheet copper. A surface of copper-containing and/or ceramic material is profiled to increase the surface area. The ceramic material is titanium, especially titanium dioxide.

IPC 8 full level

F23J 13/02 (2006.01); **F23L 17/04** (2006.01)

CPC (source: EP)

F23J 13/025 (2013.01); **F23L 17/04** (2013.01); **F23J 2211/101** (2013.01); **F23J 2213/303** (2013.01); **F23J 2213/304** (2013.01); **F23J 2213/50** (2013.01); **F23J 2900/13001** (2013.01)

Designated contracting state (EPC)

AT DE ES IT

DOCDB simple family (publication)

EP 1275902 A2 20030115; **EP 1275902 A3 20030507**; **EP 1275902 B1 20071017**; AT E376149 T1 20071115; DE 10134236 A1 20030206; DE 50211074 D1 20071129; ES 2295262 T3 20080416

DOCDB simple family (application)

EP 02015798 A 20020715; AT 02015798 T 20020715; DE 10134236 A 20010713; DE 50211074 T 20020715; ES 02015798 T 20020715