

Title (en)

AN AIR-GAS MIXING UNIT FOR AN AIR-GAS MIXTURE BURNING APPLIANCE

Title (de)

LUFT-GAS-MISCHEINHEIT FÜR EINE LUFT-GAS-MISCHUNGSVERBRENNUNGSVORRICHTUNG

Title (fr)

UNITÉ DE MÉLANGE AIR-GAZ POUR UN APPAREIL DE COMBUSTION DE MÉLANGE AIR-GAZ

Publication

EP 4191135 A1 20230607 (EN)

Application

EP 22202352 A 20221019

Priority

GB 202117438 A 20211202

Abstract (en)

In an air-gas mixing unit for an air-gas mixture burning appliance, comprising: at least one air-gas mixer (118), an air supply (112) with an airway (212), and a gas supply (116) with a gas channel (216) that is connected to a gas governor (210), wherein the gas governor comprises: a gas valve (215) that is adapted to control gas pressure in the gas channel (216) dependant on an air pressure signal (235) that is indicative of a static air pressure in the air way, and a gas restrictor (250) that restricts flow of gas from the gas valve to a point of mixing (119); the gas restrictor is interchangeable between at least one first gas restrictor that is embodied to form a gas flow with a first Reynolds number and at least one second gas restrictor that is embodied to form a gas flow with a second Reynolds number.

IPC 8 full level

F23N 1/00 (2006.01)

CPC (source: EP GB)

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Citation (search report)

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Designated contracting state (EPC)

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