

Title (en)

Combustion apparatus incorporating a noise reduction arrangement

Title (de)

Verbrennungsvorrichtung mit Rauschreduktionsanordnung

Title (fr)

Appareil de combustion incorporant un agencement de réduction du bruit

Publication

**EP 2187124 A3 20111221 (EN)**

Application

**EP 09014219 A 20091113**

Priority

GB 0820946 A 20081115

Abstract (en)

[origin: EP2187124A2] A combustion apparatus such as a boiler comprises a standing wave arm (15, 15') for establishing a standing wave connected to a flue gas outlet (14) of a burner (10) of the device. A gas flue outlet system (17) is connected to the standing wave arm at the zero pressure point or mid-point (16) of the standing wave. The standing wave arm (15, 15') is configured to generate a standing wave in proportion to one half of the wavelength of a resonant frequency to be attenuated.

IPC 8 full level

**F23M 3/08** (2006.01); **F23M 20/00** (2014.01)

CPC (source: EP)

**F23M 20/005** (2015.01); **F23J 2900/13003** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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