

Title (en)

Mischer für Kessel

Title (de)

Mixer for boiler

Title (fr)

Mélangeur pour chaudière

Publication

**EP 2166285 B1 20141224 (FR)**

Application

**EP 09170672 A 20090918**

Priority

FR 0805138 A 20080918

Abstract (en)

[origin: EP2166285A1] The mixer has an enclosure defining an air supply central duct and a fuel gas supply peripheral duct (16) that is arranged around the central duct. Multiple vanes (34) are extended transversally in the central duct, where the vanes are arranged in pairs. Each pair of vanes defines a gas intake channel that is extended from an annular opening (22) towards an interior of the central duct. The channel is formed in U-shape in a fluid flow direction, where a downstream side (38) of the channel is opened and the channel is closed on an upstream side (35) of the vane.

IPC 8 full level

**F23D 14/64** (2006.01)

CPC (source: EP)

**F23D 14/64** (2013.01)

Cited by

EP3309335A1

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

DOCDB simple family (publication)

**EP 2166285 A1 20100324; EP 2166285 B1 20141224**; ES 2531456 T3 20150316; FR 2936040 A1 20100319; FR 2936040 B1 20100827

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