

Title (en)

BURNER WITH SECONDARY AXIAL FLOW ELEMENTS

Title (de)

BRENNER MIT SEKUNDÄREN AXIALFLUSSELEMENTEN

Title (fr)

BRÛLEUR DOTÉ D'ÉLÉMENTS D'ÉCOULEMENT AXIAL SECONDAIRES

Publication

**EP 2643635 A1 20131002 (EN)**

Application

**EP 11790587 A 20111123**

Priority

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- EP 11790587 A 20111123

Abstract (en)

[origin: WO2012069534A1] A premix gas burner (10) with a mixing chamber and a burner deck (12) of cylindrical or frusto-conical shape around the mixing chamber has an entry. A primary axial flow element (26), the so-called anti-noise tube, is inserted in the entry and guides part of the premixed gas and air' mixture into a mixing chamber. This primary axial flow element (26) has a first length L1, in the direction of the flow of the premixed gas and air' mixture and a first diameter D1, in a plane perpendicular to the direction of the flow of the premixed gas and air mixture.

IPC 8 full level

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CPC (source: EP)

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