

Title (en)

Mixing device for a gas burner

Title (de)

Mischvorrichtung für einen Gasbrenner

Title (fr)

Dispositif de mélange pour un brûleur à gaz

Publication

EP 2369231 B1 20161207 (DE)

Application

EP 11001358 A 20110218

Priority

DE 102010010791 A 20100309

Abstract (en)

[origin: EP2369231A1] The mixing device (10) has a guide device (22) for combustion air (V), which is positioned within a venturi device (12). The guide device divides the combustion air entering the mixing device through a combustion air inlet (13) into primary flow (V1) and secondary flow (V2). The combustion air of the primary flow is fed from the combustion air inlet to the mixing section (20) through a contraction section (19).

IPC 8 full level

F23D 14/64 (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP US)

F23D 14/64 (2013.01 - EP US); **F23D 14/70** (2013.01 - EP US); **F23D 2203/007** (2013.01 - EP US); **F23D 2900/00003** (2013.01 - EP US)

Cited by

US11421872B2; WO2018141647A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2369231 A1 20110928; **EP 2369231 B1 20161207**; DE 102010010791 A1 20110915; US 2011223551 A1 20110915;
US 8512035 B2 20130820

DOCDB simple family (application)

EP 11001358 A 20110218; DE 102010010791 A 20100309; US 201113040938 A 20110304