

Title (en)

AIR/GAS MIXING DEVICE, PARTICULARLY FOR PRE-MIXING BURNER APPARATUSES

Title (de)

LUFT-/GAS-MISCHVORRICHTUNG, INSBESONDERE FÜR VORMISCH-BRENNERVORRICHTUNGEN

Title (fr)

DISPOSITIF DE MÉLANGE D'AIR ET DE GAZ, DESTINÉ EN PARTICULIER À DES APPAREILS BRÛLEURS À PRÉMÉLANGE

Publication

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Application

EP 08869932 A 20081219

Priority

- EP 2008068041 W 20081219
- IT PD20080005 A 20080108

Abstract (en)

[origin: WO2009087050A2] An air/gas mixing device, particularly for pre-mixing burner apparatuses, comprises first conveying means (6) with centripetal flow including a plurality of ducts (7) having a predominant radial direction and disposed along a circumferential profile concentric with a main axis (X) and divergent in the direction of the axis, the flow of air, intended for mixing with the gas, being admitted into the ducts (7), and second gas conveying means (11), for conveying the gas admitted into the device into each duct of the first conveying means, such that in each duct (7) air/gas pre-mixing takes place downstream of the zone for admission of the gas into the duct (7), in the direction of the axis (X).

IPC 8 full level

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CPC (source: EP)

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