

Title (en)

INLET DEVICE FOR AN AIR/GAS FLOW IN A FAN UNIT, PARTICULARLY FOR GAS BURNERS WITH PRE-MIXING

Title (de)

EINLASSVORRICHTUNG FÜR EINEN LUFT-/GASSTROM IN EINER LÜFTEREINHEIT, INSBESONDERE FÜR GASBRENNER MIT VORMISCHUNG

Title (fr)

DISPOSITIF D'ENTRÉE POUR FLUX D'AIR OU DE GAZ DANS UNE UNITÉ VENTILATEUR, EN PARTICULIER DANS DES BRÛLEURS À GAZ À PRÉMÉLANGE

Publication

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Application

EP 08869957 A 20081218

Priority

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- IT PD20080006 A 20080108

Abstract (en)

[origin: WO2009087041A2] An inlet device for an air/gas flow, particularly for the admission of said flow into a centrifugal fan (2) of a pre-mixing burner apparatus, comprises flow conveying means (6) arranged for conveying the flow of air and/or gas to the intake section (5a) of the fan, wherein the conveying means (6) are of the centripetal flow type and comprise a plurality of stator conveying ducts (7) extending in directions having a predominant radial component with respect to the axis of rotation (X) of the fan and are angularly spaced from one another along a circumferential profile concentric with the axis.

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