

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

**EP 2245370 A2 20101103 (EN)**

Application

**EP 08869957 A 20081218**

Priority

- EP 2008067924 W 20081218
- 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.

IPC 8 full level

**F23D 14/36** (2006.01)

CPC (source: EP)

**F23D 14/36** (2013.01); **F23D 14/62** (2013.01)

Citation (search report)

See references of WO 2009087041A2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**WO 2009087041 A2 20090716; WO 2009087041 A3 20090917**; EP 2245370 A2 20101103; EP 2245370 B1 20170426; IT PD20080006 A1 20090709

DOCDB simple family (application)

**EP 2008067924 W 20081218**; EP 08869957 A 20081218; IT PD20080006 A 20080108