

Title (en)

COMBUSTION CHAMBER FOR GENERATING HOT AIR FOR PAPER DRYING MACHINES

Title (de)

VERBRENNUNGSKAMMER ZUR ERZEUGUNG VON HEISSLUFT FÜR PAPIERTROCKENMASCHINEN

Title (fr)

CHAMBRE DE COMBUSTION DESTINÉE À GÉNÉRER DE L'AIR CHAUD POUR DES MACHINES À SÉCHER LE PAPIER

Publication

EP 2126205 B1 20101117 (EN)

Application

EP 08719366 A 20080304

Priority

- IB 2008000716 W 20080304
- IT CR20070006 A 20070326

Abstract (en)

[origin: WO2008117167A1] Combustion chamber (1) for paper drying machines, comprising an external, basically cylindrical body (2), provided with a bottom (3) for the flame input, and with at least one inlet (5) for the air, a distributor (6) essentially composed by a cylindrical or a truncated-cone body, placed inside said main external body (2), characterized in that said distributor (6) is connected, from the side opposite to the flame inlet bottom (3), to a heater (7) basically comprising a truncated-cone divergent (8), and a cylindrical chamber (9), wherein said divergent (8) is provided with a plurality of holes (10) for the inlet of the air in said cylindrical chamber (9).

IPC 8 full level

D21F 5/18 (2006.01); **D21F 5/04** (2006.01)

CPC (source: EP)

D21F 5/044 (2013.01); **D21F 5/18** (2013.01); **F23C 3/00** (2013.01); **F23D 91/02** (2015.07); **F23D 2900/21003** (2013.01)

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

DOCDB simple family (publication)

WO 2008117167 A1 20081002; AT E488639 T1 20101215; DE 602008003539 D1 20101230; EP 2126205 A1 20091202; EP 2126205 B1 20101117; IT CR20070006 A1 20080927

DOCDB simple family (application)

IB 2008000716 W 20080304; AT 08719366 T 20080304; DE 602008003539 T 20080304; EP 08719366 A 20080304; IT CR20070006 A 20070326