

Title (en)

COMBUSTION CHAMBER FOR A GAS TURBINE FOR THE PRODUCTION OF ENERGY, PARTICULARLY ELECTRICAL ENERGY, COMPRISING ASYMMETRIC DILUTION HOLES IN A FLAME TUBE

Title (de)

BRENNKAMMER FÜR EINE GASTURBINE ZUR ERZEUGUNG VON ENERGIE, INSBESONDERE ELEKTRISCHER ENERGIE, MIT ASYMMETRISCHEN VERDÜNNUNGSLÖCHERN IN EINEM FLAMMROHR

Title (fr)

CHAMBRE DE COMBUSTION POUR UNE TURBINE A GAZ DESTINEE A LA PRODUCTION D'ENERGIE NOTAMMENT D'ENERGIE ELECTRIQUE, COMPRENANT DES TROUS DE DILUTION ASYMETRIQUES DANS UN TUBE A FLAMME

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Application

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Abstract (en)

[origin: WO2020025233A1] The invention relates to a combustion chamber (18) of a gas turbine, particularly a gas turbine with a thermodynamic cycle with a regenerator, for the production of energy, in particular electrical energy, comprising a housing (112) and a flame tube (122). According to the invention, the flame tube (122) comprises at least one circumferential row of radial dilution openings (166) and the passage surface of the radial dilution openings (166) located above a plane P is higher than the passage surface of the radial dilution holes (166) located below the plane P, said plane P being the plane that intersects the flame tube (122) along the length thereof and passes through the centre of same.

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