

Title (en)

BURNER ARRANGEMENT FOR THE ANNULAR COMBUSTION CHAMBER OF A GAS TURBINE

Title (de)

BRENNERANORDNUNG FÜR DIE RINGFÖRMIGE BRENNKAMMER EINER GASTURBINE

Title (fr)

ENSEMBLE DE BRÛLEURS POUR CHAMBRE DE COMBUSTION ANNULAIRE DE TURBINE à GAZ

Publication

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Application

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Abstract (en)

[origin: WO03058123A1] The invention relates to a burner arrangement for the annular combustion chamber (11) of a gas turbine (10), according to which a plurality of burners (14, 15) in concentric circles are respectively arranged one above the other, in pairs, in the radial direction. One such burner arrangement increases the mechanical integrity of the turbine housing and optimises the operation of the combustion chamber, the two burners (14, 15) of a pair being oriented such that they deviate from the parallel position in such a way that their axes (17) extend towards each other in the direction of flow.

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