

Title (en)

COMBUSTION CHAMBER HAVING A HELMHOLTZ DAMPER

Title (de)

BRENNKAMMER MIT HELMHOLTZDÄMPFER

Title (fr)

CHAMBRE DE COMBUSTION DOTÉE D'UN AMORTISSEUR DE HELMHOLTZ

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Application

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Abstract (en)

[origin: WO2010115980A2] The invention relates to a combustion chamber (16) for a gas turbine (10), wherein at least one Helmholtz damper (30) is arranged. The combustion chamber comprises a number of burners or is equipped with a combination of burners (14, 15). The Helmholtz damper (30) is designed according to an individually determined or predetermined damping requirement against the thermoacoustic oscillation frequencies occurring in the combustion chamber and is arranged inside the disposed burners (14, 15) or in place of a free available space inside the combination of burners.

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