

Title (en)
COMBUSTION CHAMBER HOUSING AND GAS TURBINE EQUIPPED THEREWITH

Title (de)
BRENNKAMMERGEHÄUSE UND DAMIT AUSGERÜSTETE GASTURBINE

Title (fr)
CARTER DE CHAMBRE DE COMBUSTION ET TURBINE À GAZ ÉQUIPÉE D'UN TEL CARTER DE COMBUSTION

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Abstract (en)
[origin: CA2833464A1] The invention relates to a combustion chamber housing (10) and to a gas turbine (1) equipped therewith, wherein the combustion chamber housing has a flame tube (20) and a cladding tube (30) which surrounds the flame tube and which in the wall thereof has a plurality of through-holes (31) via which air flowing on the outside onto the cladding tube can radially penetrate into an intermediate space (40) formed between the cladding tube and the flame tube. The invention assures uniform distribution of the inflowing air around the flame tube. This is achieved, among other things, by providing a plurality of guide ribs (50), which are distributed in the intermediate space on the circumference of the two tubes and which each extend radially between the cladding tube and flame tube and parallel to a longitudinal direction (LR) of the two tubes such that the intermediate space is divided by the guide ribs into several longitudinal channels (41).

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