

Title (en)
TUBULAR COMBUSTION CHAMBER SYSTEM AND GAS TURBINE UNIT HAVING A TUBULAR COMBUSTION CHAMBER SYSTEM OF THIS TYPE

Title (de)
ROHRBRENNKAMMERSYSTEM UND GASTURBINENANLAGE MIT EINEM SOLCHEN ROHRBRENNKAMMERSYSTEM

Title (fr)
SYSTÈME DE CHAMBRE DE COMBUSTION À TUBES ET INSTALLATION DE TURBINE À GAZ POURVUE D'UN TEL SYSTÈME DE CHAMBRE DE COMBUSTION À TUBES

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Abstract (en)
[origin: WO2020200609A1] The invention relates to a tubular combustion chamber system (1) for a gas turbine unit (3), comprising a plurality of annularly arranged transition lines (4), which are designed to be connected at the upstream ends thereof to respective burners (10) and to conduct hot gas produced by the burners (10) to a turbine (2), characterized in that the tubular combustion chamber system (1) has a hot gas distributor (5), which is designed to be connected to the turbine (2) and defines a ring channel (6), which is open to the turbine (2) and into which the downstream ends of the transition lines (4) lead. The invention further relates to a gas turbine unit (3), comprising a plurality of annularly arranged burners, a turbine (2) and a tubular combustion chamber system (1) according to the invention, which connects the burners to the turbine (2).

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