

Title (en)
Combustion chamber for gas turbine.

Title (de)
Gasturbinen-Brennkammer.

Title (fr)
Chambre de combustion pour turbine à gaz.

Publication
EP 0489193 A1 19920610 (DE)

Application
EP 90123311 A 19901205

Priority
EP 90123311 A 19901205

Abstract (en)
In a combustion chamber for a gas turbine with an annular flame tube, the latter essentially consists of wall parts (18) overlapping in the circumferential direction. The wall parts (18) are elements which are bent in the axial direction of the turbine and along the outside of which facing the collecting chamber (6) the cooling air is guided in the circumferential direction. The cooling air flowing out of the overlapping gaps (22) is deflected in a grid (29) before entering the combustion chamber (15). <IMAGE>

Abstract (de)
Bei einer Gasturbinenbrennkammer mit einem ringförmigen Flammrohr setzt sich dieses im wesentlichen aus sich in Umfangsrichtung überlappenden Wandteilen (18) zusammen. Die Wandteile (18) sind in Turbinenachsrichtung gebogene Elemente, an deren dem Sammelraum (6) zugekehrten Aussenseite entlang die Kühlluft in Umfangsrichtung geführt wird. Die aus den Überlappungsspalten (22) ausströmende Kühlluft wird vor dem Eintritt in den Verbrennungsraum (15) in einem Gitter (29) umgelenkt. <IMAGE>

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F23R 3/00; F23R 3/50

IPC 8 full level
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Citation (search report)
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