

Title (en)
GAS TURBINE COMBUSTION CHAMBER

Publication
EP 0109523 B1 19850731 (DE)

Application
EP 83110020 A 19831006

Priority
DE 3238684 A 19821019

Abstract (en)
[origin: US4827724A] A gas turbine combustion chamber, includes a common spherical purely mixing chamber having inlet openings and an outlet opening formed therein and being otherwise closed, the mixing chamber having a hemispherical end zone and a spherical segment zone disposed between the hemispherical end zone and the outlet opening, the inlet openings being formed in the hemispherical and spherical segment zones, a multiplicity of primary combustion chambers each being adjacent a respective one of the inlet openings for discharging into the mixing chamber, each of the primary combustion chambers having a respective longitudinal axis coinciding at least substantially at the center of the mixing chamber, a separate air supply and a separate fuel feed for each respective primary combustion chamber, the fuel feeds being switchable on and off in dependence on the load of the gas turbine.

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IPC 8 full level
F01D 25/24 (2006.01); **F23C 99/00** (2006.01); **F23R 3/28** (2006.01); **F23R 3/30** (2006.01); **F23R 3/34** (2006.01); **F23R 3/42** (2006.01)

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