

Title (en)

Method for operating a combustion chamber.

Title (de)

Verfahren zum Betrieb einer Brennkammer.

Title (fr)

Procédé de fonctionnement d'une chambre de combustion.

Publication

EP 0683356 A3 19970618 (DE)

Application

EP 95810290 A 19950503

Priority

DE 4417536 A 19940519

Abstract (en)

[origin: EP0683356A2] The process is for a chamber into which hot gas flows. Fuel (8) is blown into the hot gas over several fuel flanges (9). Self-ignition then occurs. The fuel flanges are divided into at least two groups which are supplied with gas consecutively. The supply of hot gas to the groups remain constant. The flanges are heated to a temp. in the region of 1100 degrees C. All the flanges are connected up and their temp. is raised in parallel to the required operation temp. Supporting air (10) may be supplied to the flanges along with the fuel. <IMAGE>

IPC 1-7

F23C 5/00; **F23D 23/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [A] FR 2392231 A1 19781222 - INST FRANCAIS DU PETROLE [FR]
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- [A] DE 3534268 A1 19870402 - DEUTSCHE FORSCH LUFT RAUMFAHRT [DE]
- [A] BHR: "Technology for the design of high temperature rise combustors", JOURNAL OF PROPULSION AND POWER, vol. 3, no. 2, March 1987 (1987-03-01), NEW YORK,NY,USA, pages 179 - 186, XP002029816

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