

Title (en)
Burner arrangement for a gas turbine

Title (de)
Brenneranordnung für eine Gastrubine

Title (fr)
Dispositif de brûleur pour une turbine à gaz

Publication
EP 0849533 A3 19990811 (DE)

Application
EP 97810834 A 19971106

Priority
DE 19652899 A 19961219

Abstract (en)
[origin: EP0849533A2] The combustion assembly has an additional opening (17) near the outlet openings (22,23,23a-23c) of the tubes (11,19), to prevent the entry of hot gases and/or hot liquid fuel entering the outlet openings of the tubes when they are not in use in the lance head (12). Compressed air flows through the additional opening (17) into the fuel injection zone. Compressed air is fed from the plenum round the burner to the additional opening. The gas turbine assembly has a lance head for the selective feed of an injected liquid and/or gas fuel.

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IPC 8 full level
F02C 7/232 (2006.01); **F23C 7/02** (2006.01); **F23D 14/76** (2006.01); **F23D 17/00** (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP US)
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Citation (search report)
• [DYA] DE 4306956 A1 19940908 - ABB MANAGEMENT AG [CH]
• [Y] FR 2570473 A1 19860321 - PILLARD CHAUFFAGE [FR]
• [PA] EP 0780628 A2 19970625 - ABB RESEARCH LTD [CH]

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EP3366999A1; EP2693124A1; US7082768B2; US7406827B2

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