

Title (en)
Method of operating a burner

Title (de)
Verfahren zum Betrieb eines Brenners

Title (fr)
Procédé de fonctionnement d'un brûleur

Publication
EP 0849532 A3 19990526 (DE)

Application
EP 97810891 A 19971121

Priority
DE 19653059 A 19961219

Abstract (en)
[origin: EP0849532A2] To operate the burner (1), of a gas turbine assembly, the auxiliary gas flow (15) is fed in on ignition and on a partial loading of the burner, at a higher pressure than the liquid fuel (2) flow. The auxiliary gas flow is interrupted at the zones of the burner where there is a high loading. When the flow of the auxiliary gas is broken, the liquid fuel is not interrupted. The auxiliary gas is fed to the burner from a pressure vessel or an auxiliary compressor. The auxiliary gas is air, an inert gas such as nitrogen, or an ignition gas such as propane or natural gas.

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F23D 11/10; **F23D 11/22**

IPC 8 full level
F23D 11/38 (2006.01); **F23C 99/00** (2006.01); **F23D 11/10** (2006.01); **F23D 11/22** (2006.01); **F23K 5/10** (2006.01)

CPC (source: EP US)
F23D 11/102 (2013.01 - EP US); **F23D 11/22** (2013.01 - EP US); **F23D 2206/10** (2013.01 - EP US)

Citation (search report)

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