

Title (en)

Device for damping of thermoacoustic pressure vibrations

Title (de)

Vorrichtung zur Dämpfung thermoakustischer Druckschwingungen

Title (fr)

Dispositif pour l'amortissement des vibrations de pression

Publication

EP 0775870 B1 20010905 (DE)

Application

EP 96810752 A 19961107

Priority

DE 19542918 A 19951117

Abstract (en)

[origin: EP0775870A1] The arrangement for the combustion chamber (1) of a gas turbine has a pressure sensor (6) and a controller (10). This is connected to the unit controlling the flame electrically, the latter being a voltage source (11) and an electrode (14). The electrode has a heat-protection shield (12) surrounding the downstream side of the chamber in a ring.

IPC 1-7

F23N 5/16

IPC 8 full level

F23R 3/18 (2006.01); **F23C 99/00** (2006.01); **F23N 5/16** (2006.01)

CPC (source: EP US)

F23C 99/001 (2013.01 - EP US); **F23N 5/16** (2013.01 - EP US); **F23N 2241/20** (2020.01 - EP US); **F23R 2900/00013** (2013.01 - EP US)

Cited by

DE102004061300B3; DE102012024348A1; EP0972986A3; EP2844919A4; US7845937B2; WO2006034983A1

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DE FR GB

DOCDB simple family (publication)

DE 19542918 A1 19970522; CN 1130554 C 20031210; CN 1191335 A 19980826; DE 59607622 D1 20011011; EP 0775870 A1 19970528; EP 0775870 B1 20010905; JP H09170707 A 19970630; US 5784889 A 19980728

DOCDB simple family (application)

DE 19542918 A 19951117; CN 96114566 A 19961118; DE 59607622 T 19961107; EP 96810752 A 19961107; JP 30524996 A 19961115; US 72086596 A 19961003