

Title (en)
Combustor chamber for a gas turbine

Title (de)
Brennkammer einer Gasturbine

Title (fr)
Chambre de combustion pour turbine à gaz

Publication
EP 0576697 B1 19970827 (DE)

Application
EP 92110969 A 19920629

Priority
EP 92110969 A 19920629

Abstract (en)
[origin: EP0576697A1] In a combustion chamber for gas turbines, a combination of premixing burners (10) with catalytically supported, preferably gas-operated burners (20) is provided, the main combustion being carried out with the premixing burners. The premixing burners (10) and the catalytic burners (20) are interchangeable. The catalytic burners (20) are provided with a outgoing-gas return (24, 26), the outgoing gas preferably being extracted from the combustion chamber (25). The inlet of the combustion air for the catalytic burners is designed as a jet pump (24) which draws the outgoing gas out of the combustion chamber (25). <IMAGE>

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F23D 23/00; B23R 3/40

IPC 8 full level
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CPC (source: EP US)
F23D 23/00 (2013.01 - EP US); **F23R 3/40** (2013.01 - EP US); **F23C 2900/07002** (2013.01 - EP US)

Cited by
DE19615910B4; DE19637727A1; US5687571A; DE4439619A1; US5569020A; DE4424597A1; DE4424597B4; DE19510744A1; US5829967A; DE19510743A1; WO9812479A1; WO2010010018A1; US7029272B2; WO9946540A1

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