

Title (en)

Turbine combustor with starting film cooling

Title (de)

Brennkammer einer Gasturbine mit Starterfilmkühlung

Title (fr)

Chambre de combustion de turbine avec refroidissement initial par film fluide

Publication

EP 1351021 A3 20050119 (DE)

Application

EP 03001783 A 20030128

Priority

DE 10214573 A 20020402

Abstract (en)

[origin: EP1351021A2] The combustion chamber has a starter film (3) for cooling the combustion chamber wall (4), and several circularly arranged burners (7). The local maxima and minima in intensity of the starter film are provided around the circumference of the combustion chamber wall.

IPC 1-7

F23R 3/04; F23R 3/10; F23R 3/28

IPC 8 full level

F23R 3/06 (2006.01)

CPC (source: EP US)

F23R 3/06 (2013.01 - EP US)

Citation (search report)

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EP 1351021 A2 20031008; EP 1351021 A3 20050119; DE 10214573 A1 20031016; US 2003182943 A1 20031002; US 7124588 B2 20061024

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