

Title (en)

Annular combustion chamber for a gas turbine engine

Title (de)

Ringförmige Brennkammer eines Gasturbinenmotors

Title (fr)

Chambre de combustion annulaire de moteur à turbine à gaz

Publication

EP 2040001 B1 20180418 (FR)

Application

EP 08164751 A 20080919

Priority

FR 0706644 A 20070921

Abstract (en)

[origin: EP2040001A2] The chamber has an external wall and internal wall connected by a truncated conical shaped bottom wall (16) forming a bottom of the chamber. The wall is pierced with orifices (16s) for a fuel injection system. Deflectors are centered on each of the orifices and include a flat shoulder by which the deflectors are supported against a portion of a flat surface along a circumference of the orifices. The wall is constituted of flat surfaces (16f) surrounding each of the orifices. The shoulder is supported against a flat surface of the facets.

IPC 8 full level

F23R 3/50 (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP US)

F23R 3/002 (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F23R 2900/00012** (2013.01 - EP US)

Cited by

EP2463583A1; CH704185A1; AU2011253595B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 2040001 A2 20090325; **EP 2040001 A3 20100217**; **EP 2040001 B1 20180418**; CA 2639588 A1 20090321; CA 2639588 C 20160329; FR 2921462 A1 20090327; FR 2921462 B1 20120824; RU 2008137660 A 20100327; RU 2485405 C2 20130620; US 2009077976 A1 20090326; US 8156744 B2 20120417

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