

Title (en)

Configuration of dilution openings in a wall of a turbomachine combustion chamber

Title (de)

Anordnung von Verdünnungsöffnungen in der Brennkammerwand einer Turbomaschine

Title (fr)

Configuration d'ouvertures de dilution dans une paroi de chambre de combustion de turbomachine

Publication

EP 1840466 B1 20181024 (FR)

Application

EP 07075224 A 20070323

Priority

FR 0602744 A 20060330

Abstract (en)

[origin: EP1840466A1] The chamber has a dilution opening (30) providing an upstream edge, which projects toward an interior of the chamber. The opening provides a downstream edge which projects toward an exterior of the chamber, where the downstream edge is asymmetrical to the upstream edge with respect to a plane transversal to a lateral wall (3). The opening includes a slot that has an axis oriented according to an oblique direction of an angle with respect to the wall, where the wall is oriented toward the interior and a downstream (V) of the chamber. An independent claim is also included for a lateral wall element comprising a dilution opening.

IPC 8 full level

F23R 3/06 (2006.01)

CPC (source: EP US)

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Cited by

FR3055950A1; FR3098569A1; WO2018050999A1; WO2013050105A1; EP3475614B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 07075224 A 20070323; CA 2582634 A 20070328; CN 200710090647 A 20070330; FR 0602744 A 20060330; JP 2007086674 A 20070329; RU 2007111388 A 20070328; US 69183507 A 20070327