

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)

**F23R 3/06** (2013.01 - EP US)

Cited by

FR3055950A1; FR3098569A1; WO2018050999A1; WO2013050105A1; EP3475614B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1840466 A1 20071003; EP 1840466 B1 20181024**; CA 2582634 A1 20070930; CA 2582634 C 20151201; CN 101046299 A 20071003; FR 2899315 A1 20071005; FR 2899315 B1 20120928; JP 2007271256 A 20071018; RU 2007111388 A 20081010; RU 2354889 C2 20090510; US 2007227149 A1 20071004; US 7891194 B2 20110222

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