

Title (en)

Deflector for the bottom of a combustion chamber, combustion chamber equipped with same and jet engine comprising them

Title (de)

Deflektor für rückwärtigen Teil der Brennkammer, damit ausgestattete Brennkammer und Turbostrahltriebwerk, das beide umfasst

Title (fr)

Défecteur pour fond de chambre de combustion, chambre de combustion en étant équipée et turboréacteur les comportant

Publication

EP 1939528 B1 20160622 (FR)

Application

EP 07122639 A 20071207

Priority

FR 0655657 A 20061219

Abstract (en)

[origin: EP1939528A1] The deflector has a plate i.e. portion of conical surface, rotating around an axis of cone (300), where the plate has a concave surface (62) and a convex surface (64). The plate has a contour that includes four sides (72-78), where two sides (72, 76) i.e. arc of circles, are centered on the cone axis. Two sides (74, 78) e.g. cone generating segments, connect the sides (72, 76). A central zone surrounds a hole and a peripheral zone surrounds the central zone, where the central zone has a flat face from a side of the concave surface. Independent claims are also included for the following: (1) a combustion chamber comprising a deflector (2) a turbojet engine comprising a combustion chamber and a deflector.

IPC 8 full level

F23R 3/00 (2006.01)

CPC (source: EP US)

F23R 3/002 (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1939528 A1 20080702; EP 1939528 B1 20160622; CA 2615029 A1 20080619; CA 2615029 C 20141202; FR 2910115 A1 20080620; FR 2910115 B1 20121116; JP 2008151498 A 20080703; JP 5175081 B2 20130403; RU 2007147326 A 20090627; RU 2433347 C2 20111110; US 2008141674 A1 20080619; US 8037691 B2 20111018

DOCDB simple family (application)

EP 07122639 A 20071207; CA 2615029 A 20071214; FR 0655657 A 20061219; JP 2007314530 A 20071205; RU 2007147326 A 20071218; US 95088007 A 20071205