

Title (en)

Device for guiding an element in an orifice of a wall of a turbomachine combustion chamber

Title (de)

Vorrichtung zum Lenken eines Elements in die Öffnung einer Brennkammerwand eines Turbinentriebwerks

Title (fr)

Dispositif de guidage d'un élément dans un orifice d'une paroi de chambre de combustion de turbomachine

Publication

EP 2071241 B1 20181205 (FR)

Application

EP 08167792 A 20081029

Priority

FR 0708701 A 20071214

Abstract (en)

[origin: EP2071241A1] The device has a ring (150) and a bush (152) mounted coaxially one inside the other. The bush is fixed on an edge of an orifice of an external wall of a combustion chamber. The bush has annular parts i.e. annular piece (164) and a square shaped washer (166) fixed one on another by brazing or welding, where the parts define an annular groove. The ring is moved in a transverse direction. The annular parts are fixed together via welding or brazing zones (180), where the zones are outside a trajectory of edge of the ring when the zones are placed relative to the bush in the direction.

IPC 8 full level

F23R 3/00 (2006.01); **F23R 3/28** (2006.01); **F23R 3/50** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)

F23R 3/002 (2013.01 - EP US); **F23R 3/283** (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US); **F23R 2900/00012** (2013.01 - EP US); **Y10T 29/49348** (2015.01 - EP US)

Citation (examination)

EP 0476927 A2 19920325 - GEN ELECTRIC [US]

Cited by

FR2952700A1; FR2952703A1; FR3042588A1; FR2957975A1; FR2958372A1; US8875484B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 2071241 A1 20090617; **EP 2071241 B1 20181205**; CA 2647145 A1 20090614; CA 2647145 C 20160816; FR 2925147 A1 20090619; FR 2925147 B1 20120713; JP 2009186168 A 20090820; RU 2008149166 A 20100620; RU 2490547 C2 20130820; US 2009151361 A1 20090618; US 8261556 B2 20120911

DOCDB simple family (application)

EP 08167792 A 20081029; CA 2647145 A 20081211; FR 0708701 A 20071214; JP 2008311976 A 20081208; RU 2008149166 A 20081212; US 32809808 A 20081204