

Title (en)
Arrangement with bayonet-type connection for gas turbine combustion chamber

Title (de)
Anordnung mit Bajonettverschluss für Gasturbinenbrennkammer

Title (fr)
Agencement à liaison par crabot pour chambre de combustion de turbomachine

Publication
EP 1873454 B1 20150114 (FR)

Application
EP 07110581 A 20070619

Priority
FR 0652716 A 20060629

Abstract (en)
[origin: EP1873454A1] The arrangement has an air/fuel mixture injection system (8) associated to an opening (6) of a chamber base (4), and with a pinching ring (22) mounted in an upstream side (4a) of the base. An annular sleeve (12) mounts a deflector (10) in a downstream side (4b) of the base. An annular bowl (26) mounted in the opening has an annular flange (32) and a bowl collar (34) fixed with each other by a claw connection. The flange slides in an annular groove (24) defined by the ring and the sleeve. The bowl collar has an annular collar (30) extending parallel to the base in the downstream side.

IPC 8 full level
F23R 3/00 (2006.01); **F23R 3/14** (2006.01)

CPC (source: EP US)
F23R 3/002 (2013.01 - EP US); **F23R 3/14** (2013.01 - EP US)

Cited by
RU2632066C2; WO2012025682A2; US9310083B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1873454 A1 20080102; EP 1873454 B1 20150114; CA 2592788 A1 20071229; CA 2592788 C 20150901; FR 2903171 A1 20080104; FR 2903171 B1 20081017; JP 2008008611 A 20080117; JP 4873737 B2 20120208; RU 2007124388 A 20090110; RU 2435106 C2 20111127; US 2008202122 A1 20080828; US 7478534 B2 20090120

DOCDB simple family (application)
EP 07110581 A 20070619; CA 2592788 A 20070627; FR 0652716 A 20060629; JP 2007168970 A 20070627; RU 2007124388 A 20070628; US 77030907 A 20070628