

Title (en)
ANNULAR COMBUSTION CHAMBER WITH REMOVABLE COMBUSTOR DOME

Title (de)
RINGFÖRMIGE BRENNKAMMER MIT ABNEHMBAREM BRENNKAMMERDOM

Title (fr)
CHAMBRE DE COMBUSTION ANNULAIRE À FOND AMOVIBLE

Publication
EP 1826491 A1 20070829 (FR)

Application
EP 07103025 A 20070226

Priority
FR 0650664 A 20060227

Abstract (en)
The chamber has a base (14) connecting an annular outer wall (12) and an annular inner wall (13), where the walls and the base are welded together by butt welding. The base has windows (18) distributed circumferentially and closed by removable walls (20), where each removable wall constitutes a support for a set of injector systems (22). The removable walls are welded to the base so that the windows are completely closed.

Abstract (fr)
La chambre de combustion comporte un fond de chambre (14) reliant les parois interne (13) et externe (12) et comportant des fenêtres (18) refermées par des parois amovibles (20) portant chacune plusieurs systèmes d'injection (22).

IPC 8 full level
F23R 3/10 (2006.01); **F23C 5/02** (2006.01); **F23R 3/00** (2006.01); **F23R 3/50** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)
F23C 5/02 (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US); **F23R 3/10** (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US);
F23R 3/60 (2013.01 - EP US); **F23R 2900/00017** (2013.01 - EP US); **F23R 2900/00018** (2013.01 - EP US); **F23R 2900/00019** (2013.01 - EP US)

Citation (search report)
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• [A] EP 1312865 A1 20030521 - SIEMENS AG [DE]
• [A] GB 2297829 A 19960814 - ROLLS ROYCE PLC [GB]

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CN102635875A

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DE FR GB IT

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1826491 A1 20070829; EP 1826491 B1 20151007; CA 2578701 A1 20070827; CA 2578701 C 20150908; FR 2897923 A1 20070831; FR 2897923 B1 20080606; JP 2007232358 A 20070913; JP 4943180 B2 20120530; RU 2007107027 A 20080910; RU 2435109 C2 20111127; US 2007200012 A1 20070830; US 7854126 B2 20101221

DOCDB simple family (application)
EP 07103025 A 20070226; CA 2578701 A 20070226; FR 0650664 A 20060227; JP 2007043681 A 20070223; RU 2007107027 A 20070226; US 67774907 A 20070222