

Title (en)

RING-SHAPED COMBUSTION CHAMBER FOR A TURBINE ENGINE

Title (de)

RINGFÖRMIGE BRENNKAMMER FÜR EINEN TURBINENMOTOR

Title (fr)

CHAMBRE DE COMBUSTION ANNULAIRE POUR TURBOMACHINE

Publication

EP 3359880 B1 20190821 (FR)

Application

EP 16787502 A 20161004

Priority

- FR 1559491 A 20151006
- FR 2016052539 W 20161004

Abstract (en)

[origin: CA3000922A1] The invention relates to a ring-shaped combustion chamber (10) comprising a first ring-shaped wall (12) and a second ring-shaped wall (13) which are coaxial about an axis (X), a chamber bottom (14) connecting the first and second walls (12, 13), and a plurality of injectors (16), the first wall (12) comprising first air-supply holes (18) downstream of the injectors (16), the combustion chamber (10) being characterized in that for at least one first of said injectors (16), at least three of the first holes (18) having in common the first injector as the nearest injector are located so as to be equidistant (D) from the first injector (16).

IPC 8 full level

F23R 3/06 (2006.01); **F23R 3/50** (2006.01); **F23R 3/54** (2006.01)

CPC (source: EP KR RU US)

F23R 3/06 (2013.01 - EP KR RU US); **F23R 3/26** (2013.01 - US); **F23R 3/50** (2013.01 - EP KR US); **F23R 3/54** (2013.01 - EP KR US);
F05D 2240/35 (2013.01 - KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 3042023 A1 20170407; FR 3042023 B1 20200605; CA 3000922 A1 20170413; CN 108139077 A 20180608; CN 108139077 B 20200915;
EP 3359880 A1 20180815; EP 3359880 B1 20190821; JP 2018534518 A 20181122; KR 20180063120 A 20180611; PL 3359880 T3 20191231;
RU 2018116261 A 20191107; RU 2018116261 A3 20200121; RU 2718375 C2 20200402; US 10895383 B2 20210119;
US 2018299127 A1 20181018; WO 2017060605 A1 20170413

DOCDB simple family (application)

FR 1559491 A 20151006; CA 3000922 A 20161004; CN 201680058929 A 20161004; EP 16787502 A 20161004; FR 2016052539 W 20161004;
JP 2018517607 A 20161004; KR 20187009802 A 20161004; PL 16787502 T 20161004; RU 2018116261 A 20161004;
US 201615765823 A 20161004