

Title (en)

FASTENING DEVICE FOR THERMOINSULATING TILE OF GAS TURBINE COMBUSTION CHAMBER

Title (de)

BEFESTIGUNGSVORRICHTUNG FÜR WÄRMEISOLIERENDE KACHEL VON EINER GASTURBINENBRENNKAMMER

Title (fr)

DISPOSITIF DE FIXATION POUR CARREAU THERMO-ISOLANT DE CHAMBRE DE COMBUSTION DE TURBINE À GAZ

Publication

**EP 3043113 A1 20160713 (EN)**

Application

**EP 16150819 A 20160111**

Priority

IT MI20150015 A 20150112

Abstract (en)

A fastening device for thermoinsulating tiles of gas turbine combustion chambers comprises: a supporting body (12), provided with a lid (23) and configured to be coupled to a housing (17) of a wall of a combustion chamber (1) of a gas turbine; coupling members (14), connected to the supporting body (12) at an end thereof opposite to the lid (23) and configured to be coupled to thermoinsulating tiles (7) of the combustion chamber (1) through the wall; at least a sensor (15, 16) connected to the lid (23) and having a connecting line (15b, 16b), that extends through the supporting body (12), and a sensing member (15a, 16a) at one end of the connecting line (15b, 16b).

IPC 8 full level

**F23M 5/04** (2006.01); **F23R 3/00** (2006.01)

CPC (source: CN EP)

**F23M 5/04** (2013.01 - EP); **F23R 3/007** (2013.01 - EP); **F23R 3/425** (2013.01 - CN); **F23R 3/60** (2013.01 - CN)

Citation (search report)

- [A] EP 2738470 A1 20140604 - ROLLS ROYCE DEUTSCHLAND [DE]
- [A] US 4300774 A 19811117 - HOLLIS NICHOLAS E, et al
- [A] US 2003123953 A1 20030703 - RAZZELL ANTHONY G [GB]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3043113 A1 20160713**; **EP 3043113 B1 20180523**; CN 105783033 A 20160720; CN 105783033 B 20190917

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