

Title (en)

Air passage for turbine combustor with shingles

Title (de)

Mischluftloch in Gasturbinenbrennkammer mit Brennkammerschindeln

Title (fr)

Passage d'alimentation en air pour chambre de combustion de turbine comprenant des bardeaux

Publication

EP 1351022 A3 20050126 (DE)

Application

EP 03001782 A 20030128

Priority

DE 10214570 A 20020402

Abstract (en)

[origin: EP1351022A2] A dilution air hole, formed on a supporting structure (6), has a diameter which is larger than the diameter of the dilution air hole (4) on a combustion chamber tile (3) to produce a cooling air flow from the supporting structure dilution air flow into a tile interior when a gap is formed between the supporting structure and the combustion chamber tile.

IPC 1-7

F23R 3/06

IPC 8 full level

F23R 3/00 (2006.01); **F23R 3/06** (2006.01)

CPC (source: EP US)

F23R 3/002 (2013.01 - EP US); **F23R 3/06** (2013.01 - EP US); **F23R 2900/03041** (2013.01 - EP US)

Citation (search report)

- [X] US 4132066 A 19790102 - AUSTIN JR GEORGE W, et al
- [XY] GB 2353589 A 20010228 - ROLLS ROYCE PLC [GB]
- [Y] WO 8806257 A1 19880825 - SECR DEFENCE BRIT [GB]
- [X] EP 0937946 A2 19990825 - ROLLS ROYCE PLC [GB]
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DOCDB simple family (publication)

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DOCDB simple family (application)

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