

Title (en)
System for ventilating the wall of a combustion chamber in a turbomachine

Title (de)
Wandbelüftungssystem für die Brennkammer einer Strömungsmaschine

Title (fr)
Système de ventilation de paroi de chambre de combustion dans une turbomachine

Publication
EP 1881179 A3 20080917 (FR)

Application
EP 07290753 A 20070618

Priority
FR 0606547 A 20060719

Abstract (en)
[origin: EP1881179A2] The system has an L-sectioned annular downstream end-piece (28) connected to an annular diffuser (12) and extending towards downstream to an air injection unit (42) for ventilating a turbine. An annular convection metal sheet (100) is arranged radially between a tapered shaped annular combustion chamber (14) and the end-piece. The sheet extends axially from the diffuser to the unit along a radial internal wall (48) of the chamber to delimit an annular internal air flowing stream (90), with the wall. The stream supplies air through holes in the wall of the chamber and the unit.

IPC 8 full level
F02C 7/18 (2006.01); **F23R 3/26** (2006.01)

CPC (source: EP US)
F23R 3/26 (2013.01 - EP US)

Citation (search report)

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- [DX] US 5555721 A 19960917 - BOURNEUF JOHN J [US], et al
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- [A] US 6148617 A 20001121 - WILLIAMS SAMUEL B [US]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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